



VISHAY INTERTECHNOLOGY, INC.

INTERACTIVE

data book

EDGEBOARD CONNECTORS

VISHAY DALE

VSE-DB0034-0907

Notes:

1. To navigate:
 - a) Click on the Vishay logo on any datasheet to go to the Contents page for that section. Click on the Vishay logo on any Contents page to go to the main Table of Contents page.
 - b) Click on the products within the Table of Contents to go directly to the datasheet.
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VISHAY INTERTECHNOLOGY, INC.



DATA BOOK

EDGEBOARD CONNECTORS

Dual Readout
Single Readout
Burn In Connectors
Cross Reference

SEMICONDUCTORS

RECTIFIERS

- Schottky (single, dual)
- Standard, Fast, and Ultra-Fast Recovery (single, dual)
- Bridge
- Superectifier®
- Sinterglass Avalanche Diodes

HIGH-POWER DIODES AND THYRISTORS

- High-Power Fast-Recovery Diodes
- Phase-Control Thyristors
- Fast Thyristors

SMALL-SIGNAL DIODES

- Schottky and Switching (single, dual)
- Tuner/Capacitance (single, dual)
- Bandswitching
- PIN

ZENER AND SUPPRESSOR DIODES

- Zener (single, dual)
- TVS (TRANSZORB®, Automotive, ESD, Arrays)

FETs

- Low-Voltage TrenchFET® Power MOSFETs
- High-Voltage TrenchFET® Power MOSFETs
- High-Voltage Planar MOSFETs
- JFETs

OPTOELECTRONICS

- IR Emitters and Detectors, and IR Receiver Modules
- Optocouplers and Solid-State Relays
- Optical Sensors
- LEDs and 7-Segment Displays
- Infrared Data Transceiver Modules
- Custom Products

ICs

- Power ICs
- Analog Switches
- RF Transmitter and Receiver Modules
- ICs for Optoelectronics

MODULES

- Power Modules (contain power diodes, thyristors, MOSFETs, IGBTs)
- DC/DC Converters

PASSIVE COMPONENTS

RESISTIVE PRODUCTS

- Foil Resistors
- Film Resistors
 - Metal Film Resistors
 - Thin Film Resistors
 - Thick Film Resistors
 - Metal Oxide Film Resistors
 - Carbon Film Resistors
- Wirewound Resistors
- Power Metal Strip® Resistors
- Chip Fuses
- Variable Resistors
 - Cermet Variable Resistors
 - Wirewound Variable Resistors
 - Conductive Plastic Variable Resistors
- Networks/Arrays
- Non-Linear Resistors
 - NTC Thermistors
 - PTC Thermistors
 - Varistors

MAGNETICS

- Inductors
- Transformers

CAPACITORS

- Tantalum Capacitors
 - Molded Chip Tantalum Capacitors
 - Coated Chip Tantalum Capacitors
 - Solid Through-Hole Tantalum Capacitors
 - Wet Tantalum Capacitors
- Ceramic Capacitors
 - Multilayer Chip Capacitors
 - Disc Capacitors
- Film Capacitors
- Power Capacitors
- Heavy-Current Capacitors
- Aluminum Capacitors
- Silicon RF Capacitors

STRAIN GAGE TRANSDUCERS AND STRESS ANALYSIS SYSTEMS

- PhotoStress®
- Strain Gages
- Load Cells
- Force Transducers
- Instruments
- Weighing Systems
- Specialized Strain Gage Systems

Edgeboard Connectors

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Edgeboard Connectors

EB4	2
EB6	5
EB7D	8
EB7S	11
EB8	14
EBT156	17
EB4, EB6, EB7, EB8	20

COMPETITOR PRODUCTS CROSS-REFERENCED

Methode	27
Amphenol	28
Winchester	28
Elco	29
Micro Plastics	29
Edac	30
Holmberg	31
Teka	32
Viking	33
Sullins	34
Cinch	35

Edgeboard Connectors, Dual Readout, 0.100" (2.54 mm) C-C, Standard and Right Angle Terminals



ELECTRICAL SPECIFICATIONS

Current Rating: 3 A

Test Voltage Between Contacts:

At sea level: 650 V_{RMS}

At 70 000 feet (21 336 meters): 275 V_{RMS}

Insulation Resistance: 5000 MΩ minimum at 500 V_{DC} potential

Contact Resistance: 30 mV maximum at rated current (with gold plating)

Operating Temperature: - 65 °C to + 125 °C

Humidity: 96 h at 90 % relative humidity at + 40 °C, dried at room temperature for 3 h minimum, insulation resistance was greater than 5000 MΩ

Durability: After 500 cycles of insertion and withdrawal of a 0.070" (1.78 mm) thick steel test board, contact resistance less than 0.030 V at 3 A on gold plated contacts and individual contact pair separation force when measured with a 0.054" (1.37 mm) thick steel test blade was greater than ½ oz.

Shock: Three 50G shocks in each of 3 mutually perpendicular planes with no loss of continuity

Vibration: 2 h in each of 3 mutually perpendicular planes, frequency sweep 10 cps to 55 cps at 0.06 double amplitude with no loss of continuity

FEATURES

- Grid Patterns: 0.100" C-C x 0.150" (2.54 mm x 3.81 mm) and 0.100" C-C x 0.200" (2.54 mm x 5.08 mm)
- Standard and right angle terminals
- Greater design latitude:
4 body materials: Diallyl phthalate, phenolic, glass-filled polyester and glass-filled polyphenylene sulfied
7 contact termination styles - 3 standard, 4 right angle
20 body sizes and 6 mounting styles
- Selective gold plating
- Accepts PC board thickness of 0.054" to 0.071" (1.37 mm to 1.80 mm)
- Polarization between contact positions in all sizes. Between contact polarization permits polarizing without loss of contact position.
- **Recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524, project 77CH3889**

APPLICATIONS

For use with 0.0625" (1.59 mm) printed circuit boards requiring an edgeboard type connector on 0.100" (2.54 mm) centers

MATERIAL SPECIFICATIONS

Body Material:

"1" glass-filled diallyl phthalate per MIL-M-14, Type SDG-F green, flame retardant (UL 94 V-0)

"2" glass-filled phenolic per MIL-M-14, Type MFH dark green, flame retardant (UL 94 V-0)

"3" thermoplastic polyester, glass-filled, black, flame retardant (UL 94 V-0)

"5" thermoplastic polyphenylene sulfied, glass filled, brown, flame retardant (UL 94 V-0)

Contacts: Phosphor bronze (See Ordering Information)

Polarizing Key: Glass reinforced nylon, flame retardant (UL 94H-B)

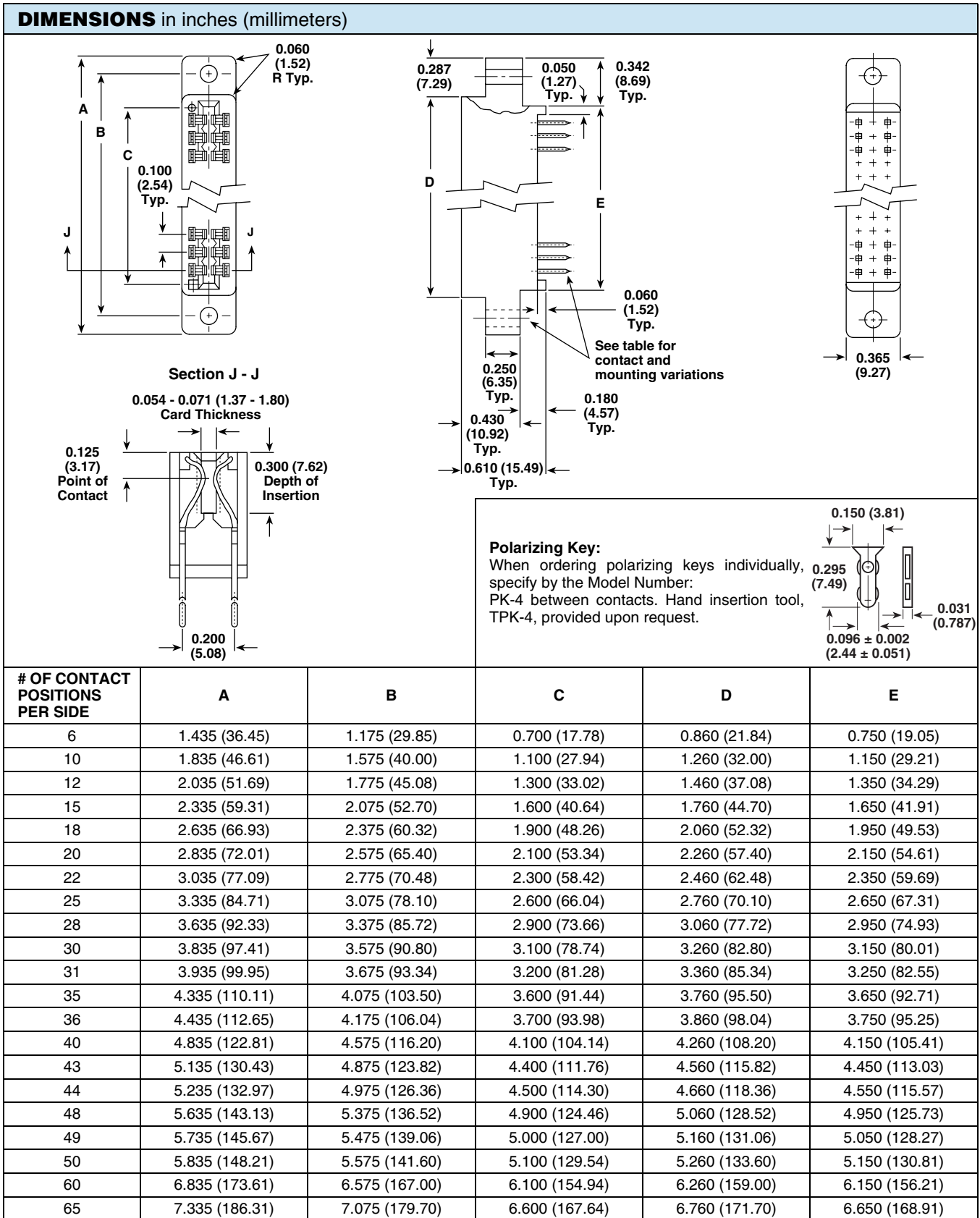
Plating: Gold (See Ordering Information)

ORDERING INFORMATION

EB4	3	K	20	SG	X	15
MODEL	BODY MATERIAL	STANDARD TERMINAL VARIATIONS	CONTACTS PER SIDE	CONTACT PLATING	MOUNTING VARIATIONS	POLARIZING KEY POSITIONS
	1 = Diallyl Phthalate	C, D, K,	6, 10, 12,	SG = Selective gold plating (0.00003" (0.000762 mm) minimum thick) on contact area with gold flash on terminal.		Key(s) are located to right of position(s) designated. Use odd-numbered contact for ordering: -1, -3, -5, etc. Required only when polarizing keys are to be factory installed. Note: To order polarizing keys individually, specify model PK-4.
	2 = Phenolic	1R, 2R,	15, 18, 20,	SGF = Selective gold plating (0.000010" (0.000254 mm) minimum thick) on contact area with gold flash on terminal.		
	3 = Glass-filled Polyester	3R, 4R	22, 25, 28,	All gold plating over 0.00005" (0.00127 mm) minimum nickel underplate.		
	5 = Glass-filled Polyphenylene Sulfied		30, 31, 35,	Contact factory for additional plating options.		
			36, 40, 43,			
			44, 48, 49,			
			50, 60,			
			and 65			

Edgeboard Connectors, Dual Readout, 0.100" (2.54 mm) C-C, Standard and Right Angle Terminals

Vishay Dale



PHYSICAL SPECIFICATIONS

Contact Type: Bifurcated cantilever beam

Number of Contacts: 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, 60 and 65 per side

Contact Terminal Variation: Standard terminals

Type "C" - dip solder, 0.025" (0.635 mm) square terminals, 0.175" (4.44 mm) nominal terminal length below standoffs

Type "D" - dip solder, 0.025" (0.635 mm) square terminals, 0.115" (2.92 mm) nominal terminal length below standoffs

Type "K" - Wire Wrap™, 0.025" (0.635 mm) square terminals, 0.570" (14.48 mm) nominal terminal length below standoffs

Contact Terminal Variation: Right angle terminals

Type "1R" - dip solder, 0.025" (0.635 mm) square terminals, 0.120" (3.05 mm) nominal terminal length x 0.150" (3.81 mm) nominal terminal row spacing

Type "2R" - dip solder, 0.025" (0.635 mm) square terminals, 0.120" (3.05 mm) nominal terminal length x 0.200" (5.08 mm) nominal terminal row spacing

Type "3R" - dip solder, 0.025" (0.635 mm) square terminals, 0.180" (4.57 mm) nominal terminal length x 0.150" (3.81 mm) nominal terminal row spacing

Type "4R" - dip solder, 0.025" (0.635 mm) square terminals, 0.180" (4.57 mm) nominal terminal length x 0.200" (5.08 mm) nominal terminal row spacing

Contact Spacing: 0.100" (2.54 mm) center to center

Contact Terminal Row Spacing: Standard - 0.200" (5.08 mm) nominal. Right angle - 0.200" (5.08 mm) nominal and 0.150" (3.81 mm) nominal

Card Thickness: 0.054" to 0.071" (1.37 mm to 1.80 mm)

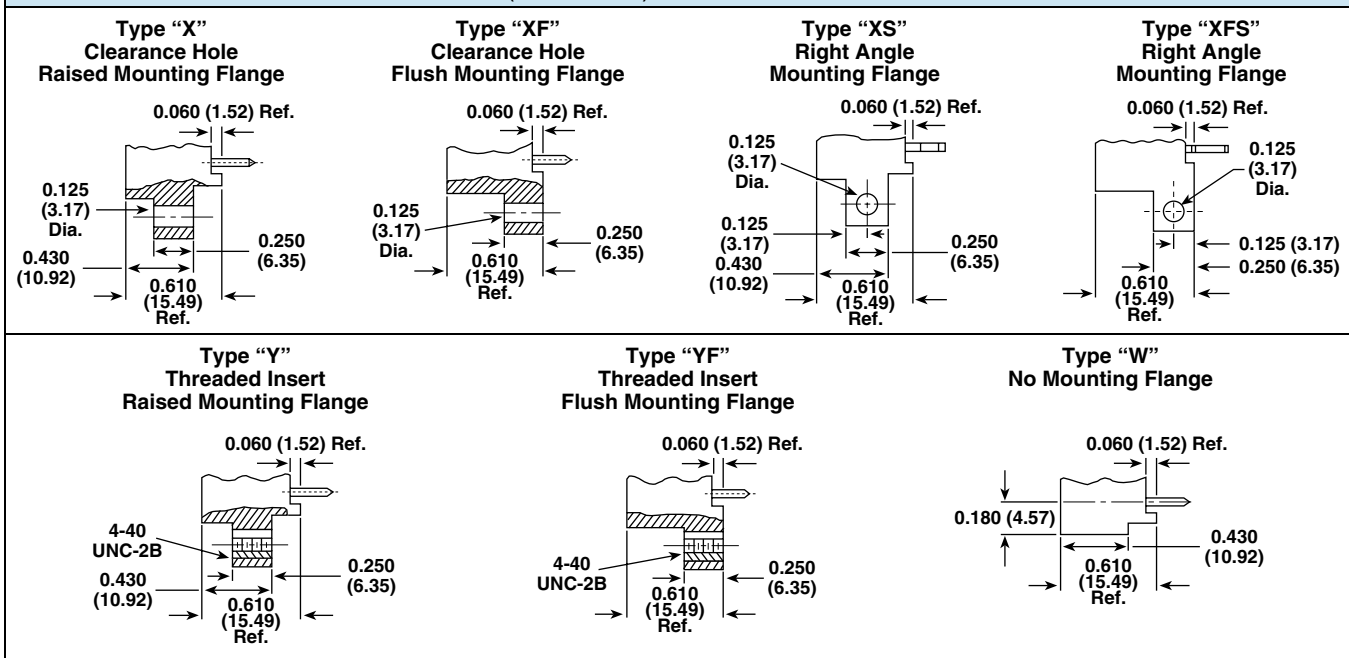
Card Slot Depth: 0.300" (7.62 mm)

Connector Polarization: Between contact polarization key(s) are located to the right of the contact position(s) designated

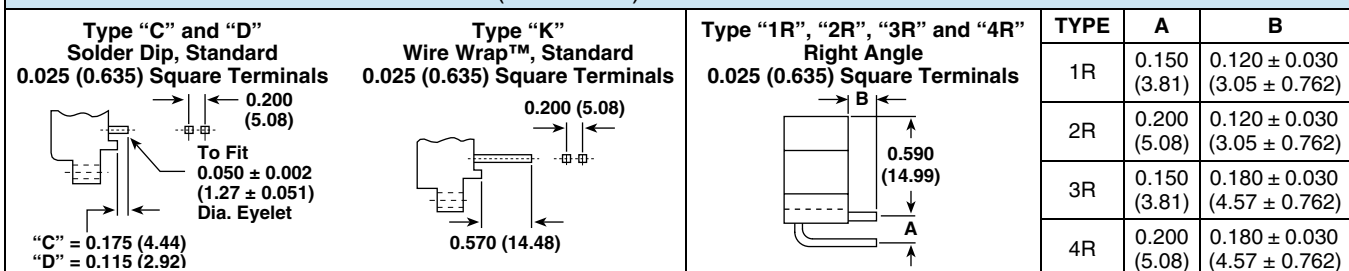
Note

- High temperature burn-in, edgeboard connectors, with 0.100" (2.54 mm) center to center are on www.vishay.com/doc?36006

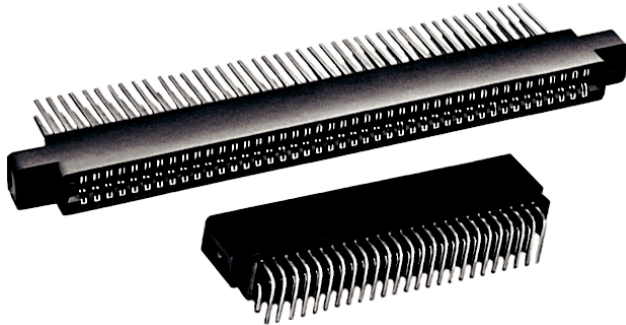
MOUNTING VARIATIONS in inches (millimeters)



TERMINAL VARIATIONS in inches (millimeters)



Edgeboard Connectors, Dual Readout, 0.125" (3.17 mm) C-C, Standard and Right Angle Terminals



ELECTRICAL SPECIFICATIONS

Current Rating: 3 A

Test Voltage Between Contacts:

At sea level: 1500 V_{RMS}

At 70 000 feet (21 336 meters): 325 V_{RMS}

Insulation Resistance: 5000 MΩ minimum at 500 V_{DC} potential

Contact Resistance: 30 mV maximum at rated current (with gold plating)

Operating Temperature: - 65 °C to + 125 °C

Humidity: 96 h at 90 % relative humidity at + 40 °C, dried at room temperature for 3 h minimum, insulation resistance was greater than 5000 MΩ

Durability: After 500 cycles of insertion and withdrawal of a 0.070" (1.78 mm) thick steel test board, contact resistance less than 0.030 V at 3 A on gold plated contacts and individual contact pair separation force when measured with a 0.054" (1.37 mm) thick steel test blade was greater than ½ oz.

Shock: Three 50G shocks in each of 3 mutually perpendicular planes with no loss of continuity

Vibration: 2 h in each of 3 mutually perpendicular planes, frequency sweep 10 cps to 55 cps at 0.06 double amplitude with no loss of continuity

FEATURES

- Grid Patterns: 0.125" C-C x 0.150" (3.17 mm x 3.81 mm), 0.125" C-C x 0.200" (3.17 mm x 5.08 mm) and 0.125" C-C x 0.250" (3.17 mm x 6.35 mm)
- Standard and right angle terminals
- Greater design latitude:
4 body materials: Diallyl phthalate, phenolic, glass-filled polyester and glass-filled polyphenylene sulfid
7 contact termination styles - 3 standard, 4 right angle
19 body sizes and 6 mounting styles
- Selective gold plating
- Accepts PC board thickness of 0.054" to 0.071" (1.37 mm to 1.80 mm)
- Polarization between contact positions in all sizes.
Between contact polarization permits polarizing without loss of contact position.
- **Recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524, project 77CH3889**

APPLICATIONS

For use with 0.0625" (1.59 mm) printed circuit boards requiring an edgeboard type connector on 0.125" (3.17 mm) centers

MATERIAL SPECIFICATIONS

Body Material:

"1" glass-filled diallyl phthalate per MIL-M-14, Type SDG-F green, flame retardant (UL 94 V-0)

"2" glass-filled phenolic per MIL-M-14, Type MFH dark green, flame retardant (UL 94 V-0)

"3" thermoplastic polyester, glass-filled, black, flame retardant (UL 94 V-0)

"5" thermoplastic polyphenylene sulfid, glass filled, brown, flame retardant (UL 94 V-0)

Contacts: Phosphor bronze (See Ordering Information)

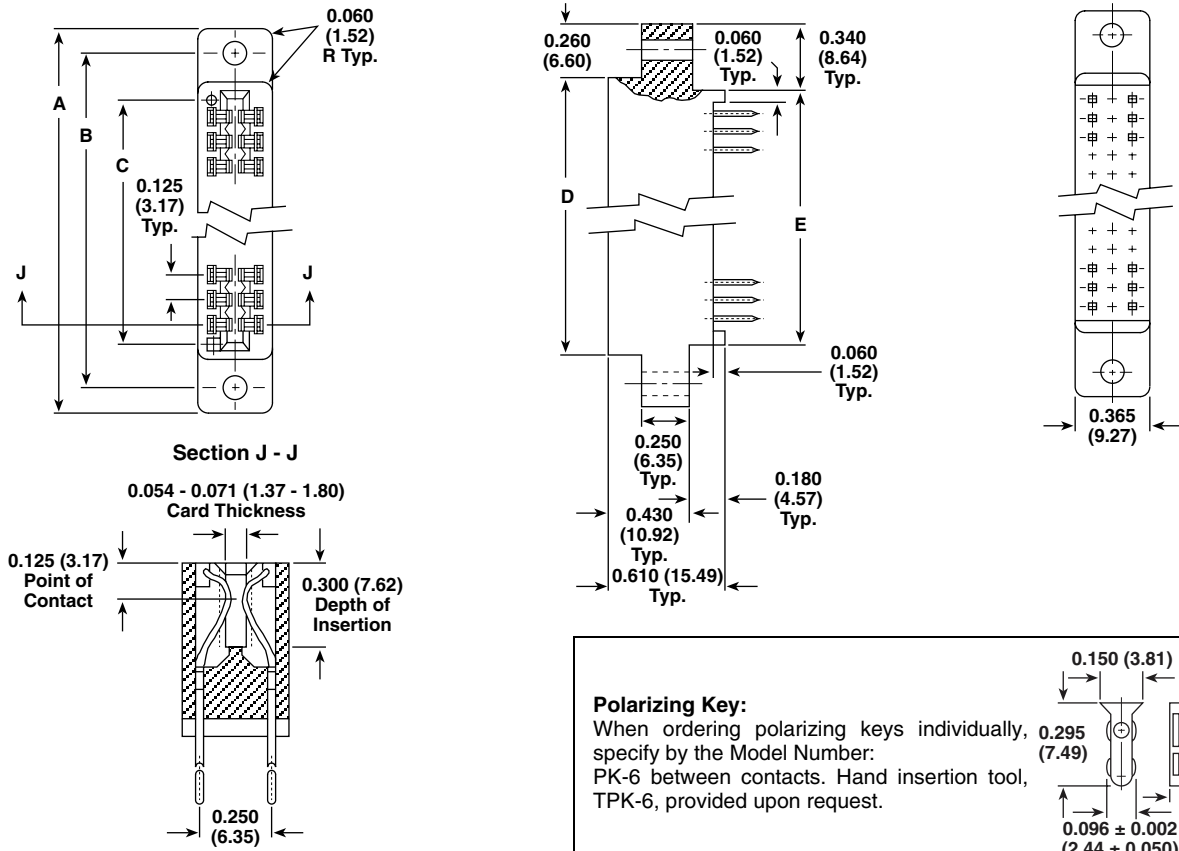
Polarizing Key: Glass reinforced nylon, flame retardant (UL 94H-B)

Plating: Gold (See Ordering Information)

ORDERING INFORMATION

EB6	3	K	40	SG	X	15
MODEL	BODY MATERIAL	STANDARD TERMINAL VARIATIONS	CONTACTS PER SIDE	CONTACT PLATING	MOUNTING VARIATIONS	POLARIZING KEY POSITIONS
	1 = Diallyl Phthalate	C, D, K,	6, 10, 12,	SG = Selective gold plating (0.00003" (0.000762 mm) minimum thick) on contact area with gold flash on terminal.		Key(s) are located to right of position(s) designated. Use odd-numbered contact for ordering: -1, -3, -5, etc. Required only when polarizing keys are to be factory installed. Note: To order polarizing keys individually, specify Model PK-6.
	2 = Phenolic	1R, 2R,	14, 15, 18,	SGF = Selective gold plating (0.000010" (0.000254 mm) minimum thick) on contact area with gold flash on terminal.		
	3 = Glass-filled Polyester	3R, 4R	22, 24, 25,	All gold plating over 0.00005" (0.00127 mm) minimum nickel underplate. Contact factory for additional plating options.		
	5 = Glass-filled Polyphenylene Sulfid		28, 30, 31,			
			32, 35, 36,			
			40, 43, 44,			
			49, and 50			

DIMENSIONS in inches (millimeters)



Polarizing Key:
 When ordering polarizing keys individually, specify by the Model Number: PK-6 between contacts. Hand insertion tool, TPK-6, provided upon request.

# OF CONTACT POSITIONS PER SIDE	A	B	C	D	E
6	1.555 (39.50)	1.295 (32.89)	0.875 (22.22)	1.035 (26.29)	0.875 (22.22)
10	2.055 (52.20)	1.795 (45.59)	1.375 (34.92)	1.535 (38.99)	1.375 (34.92)
12	2.305 (58.55)	2.045 (51.94)	1.625 (41.28)	1.785 (45.34)	1.625 (41.28)
14	2.555 (64.90)	2.295 (58.29)	1.875 (47.62)	2.035 (51.69)	1.875 (47.62)
15	2.680 (68.07)	2.420 (61.47)	2.000 (50.80)	2.160 (54.86)	2.000 (50.80)
18	3.055 (77.60)	2.795 (70.99)	2.375 (60.32)	2.535 (64.39)	2.375 (60.32)
22	3.555 (90.30)	3.295 (83.69)	2.875 (73.02)	3.035 (77.09)	2.875 (73.02)
24	3.805 (96.65)	3.545 (90.04)	3.125 (79.38)	3.285 (83.44)	3.125 (79.38)
25	3.930 (99.82)	3.670 (93.22)	3.250 (82.55)	3.410 (86.61)	3.250 (82.55)
28	4.305 (109.35)	4.045 (102.74)	3.625 (92.08)	3.785 (96.14)	3.625 (92.08)
30	4.555 (115.70)	4.295 (109.09)	3.875 (98.42)	4.035 (102.49)	3.875 (98.42)
31	4.680 (118.87)	4.420 (112.27)	4.000 (101.60)	4.160 (105.66)	4.000 (101.60)
32	4.805 (122.05)	4.545 (115.44)	4.125 (104.78)	4.285 (108.84)	4.125 (104.78)
35	5.180 (131.57)	4.920 (124.97)	4.500 (114.30)	4.660 (118.36)	4.500 (114.30)
36	5.305 (134.75)	5.045 (128.14)	4.625 (117.48)	4.785 (121.54)	4.625 (117.48)
40	5.805 (147.45)	5.545 (140.84)	5.125 (130.18)	5.285 (134.24)	5.125 (130.18)
43	6.180 (156.97)	5.920 (150.37)	5.500 (139.70)	5.660 (143.76)	5.500 (139.70)
44	6.305 (160.15)	6.045 (153.54)	5.625 (142.88)	5.785 (146.94)	5.625 (142.88)
49	6.930 (176.02)	6.670 (169.42)	6.250 (158.75)	6.410 (162.81)	6.250 (158.75)
50	7.055 (179.20)	6.795 (172.59)	6.375 (161.92)	6.535 (165.99)	6.375 (161.92)

PHYSICAL SPECIFICATIONS

Contact Type: Bifurcated cantilever beam

Number of Contacts: 6, 10, 12, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 per side

Contact Terminal Variation: Standard terminals

Type "C" - dip solder, 0.025" (0.635 mm) square terminals, 0.175" (4.44 mm) nominal terminal length below standoffs

Type "D" - dip solder, 0.025" (0.635 mm) square terminals, 0.115" (2.92 mm) nominal terminal length below standoffs

Type "K" - Wire Wrap™, 0.025" (0.635 mm) square terminals, 0.570" (14.48 mm) nominal terminal length below standoffs

Contact Terminal Variation: Right angle terminals

Type "1R" - dip solder, 0.025" (0.635 mm) square terminals, 0.120" (3.05 mm) nominal terminal length x 0.150" (3.81 mm) nominal terminal row spacing

Type "2R" - dip solder, 0.025" (0.635 mm) square terminals, 0.120" (3.05 mm) nominal terminal length x 0.200" (5.08 mm) nominal terminal row spacing

Type "3R" - dip solder, 0.025" (0.635 mm) square terminals, 0.180" (4.57 mm) nominal terminal length x 0.150" (3.81 mm) nominal terminal row spacing

Type "4R" - dip solder, 0.025" (0.635 mm) square terminals, 0.180" (4.57 mm) nominal terminal length x 0.200" (5.08 mm) nominal terminal row spacing

Contact Spacing: 0.125" (3.17 mm) center to center

Contact Terminal Row Spacing: Standard - 0.250" (5.08 mm) nominal. Right angle - 0.200" (5.08 mm) nominal and 0.150" (3.81 mm) nominal

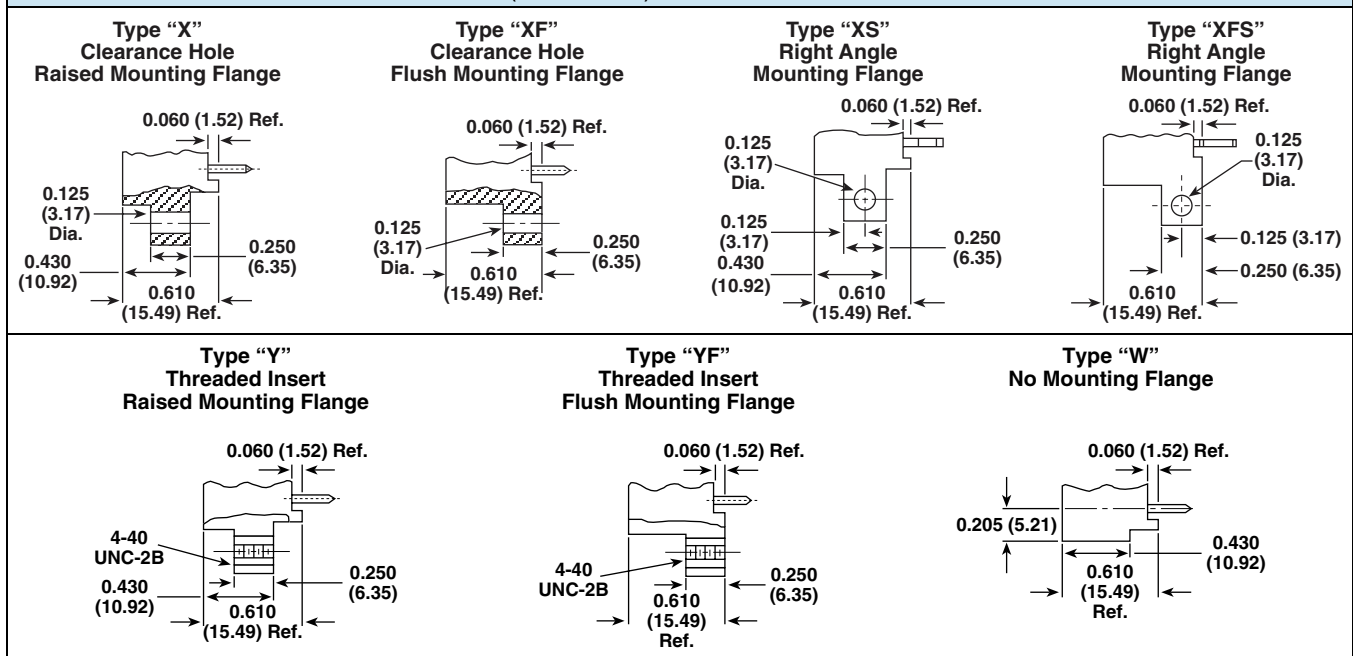
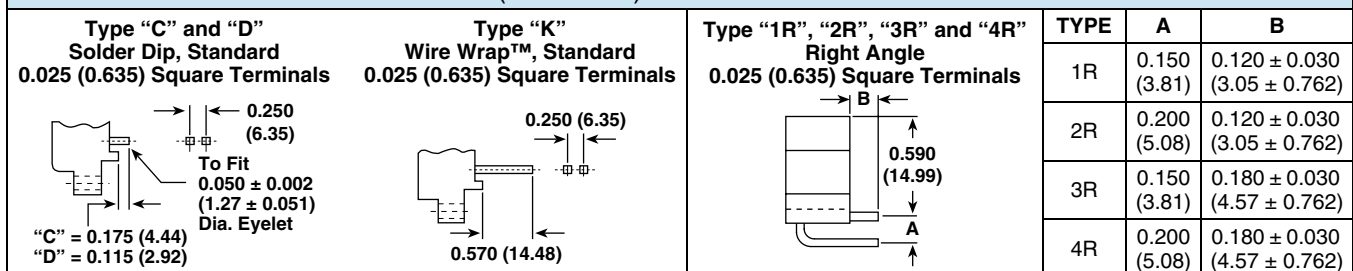
Card Thickness: 0.054" to 0.071" (1.37 mm to 1.80 mm)

Card Slot Depth: 0.300" (7.62 mm)

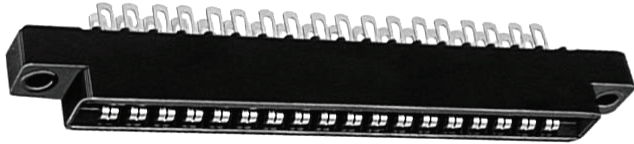
Connector Polarization: Between contact polarization key(s) are located to the right of the contact position(s) designated

Note

- High temperature burn-in, edgeboard connectors, with 0.125" (3.17 mm) center to center are on www.vishay.com/doc?36006

MOUNTING VARIATIONS in inches (millimeters)

TERMINAL VARIATIONS in inches (millimeters)


Edgeboard Connectors, Dual Readout



ELECTRICAL SPECIFICATIONS

Current Rating: 5 A

Test Voltage Between Contacts:

At sea level: 1800 V_{RMS}

At 70 000 feet (21 336 meters): 450 V_{RMS}

Insulation Resistance: 5000 MΩ minimum at 500 V_{DC} potential

Contact Resistance: 30 mV maximum at rated current (with gold plating)

Operating Temperature: - 55 °C to + 125 °C

Humidity: 96 h at 90 % relative humidity at + 40 °C, dried at room temperature for 3 h minimum, insulation resistance was greater than 5000 MΩ

Durability: After 500 cycles of insertion and withdrawal of a 0.070" (1.78 mm) thick steel test gauge, contact resistance less than 0.030 V at 5 A and individual contact retention force when measured with 0.054" (1.37 mm) thick steel test slug greater than ½ oz.

Shock: Three 50G shocks in each of 3 mutually perpendicular planes with no loss of continuity

Vibration: 2 h in each of 3 mutually perpendicular planes, frequency sweep 10 cps to 55 cps at 0.06 double amplitude with no loss of continuity

PHYSICAL SPECIFICATIONS

Contact Type: Bifurcated bellows

Number of Contacts: 6, 10, 12, 15, 18, 22, 36, 43 per side

Contact Spacing: 0.156" (3.96 mm) center to center

Card Thickness: 0.054" to 0.071" (1.37 mm to 1.80 mm)

Card Slot Depth: Dual readout = 0.260" (6.60 mm)

Note

- High temperature burn-in, edgeboard connectors, 0.156" (3.96 mm) center to center are on www.vishay.com/doc?36006

FEATURES

- 0.156" C-C x 0.140" grid (3.96 mm x 3.56 mm)
- Bifurcated bellows contacts provide 2 flexing contact surfaces to assure positive contact under adverse conditions such as vibration or PC board irregularities
- Accepts PC board thickness of 0.054" to 0.071" (1.37 mm to 1.80 mm)
- Polarization between contact positions in all sizes. Between contact polarization permits polarizing without loss of contact position
- Selective gold plating
- Polarizing key is reinforced nylon, may be inserted by hand, requires no adhesive.
- Protected entry, provided by recessed leading edge of contact, permits the card slot to straighten and align the board before electrical contact is made. Prevents damage to contact which might be caused by warped or out of tolerance boards
- **Recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524, project 77CH3889**

APPLICATIONS

For use with 0.062" (1.57 mm) printed circuit boards requiring an edgeboard type connector on 0.156" (3.96 mm) centers

MATERIAL SPECIFICATIONS

Body: (Standard) glass-filled phenolic per MIL-M-14, dark green, flame retardant (UL 94 V-0). (Optional - see Ordering Information)

"1" glass-filled diallyl phthalate per MIL-M-14, type SDG-F green, flame retardant (UL 94 V-0)

"3" thermoplastic polyester, glass-filled, black, flame retardant (UL 94 V-0)

"5" thermoplastic polyphenylene sulfid, glass filled, brown, flame retardant (UL 94 V-0)

Contacts: Phosphor bronze

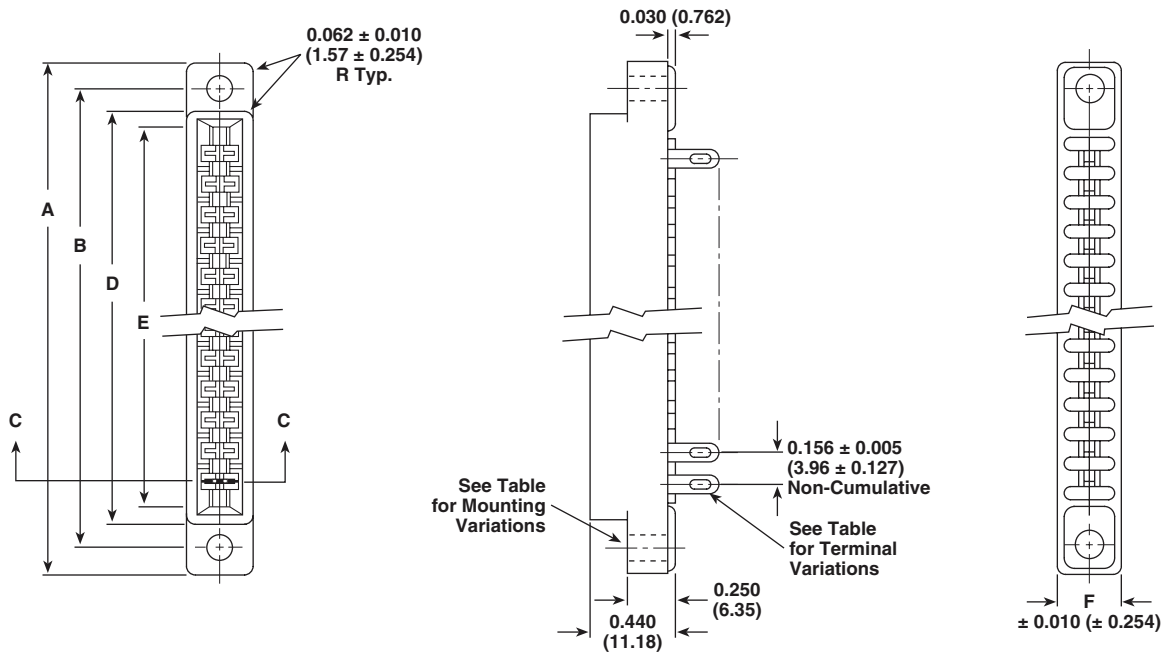
Polarizing Key: Glass reinforced nylon, flame retardant (UL 94H-B)

Contact Plating: Gold (See Ordering Information)

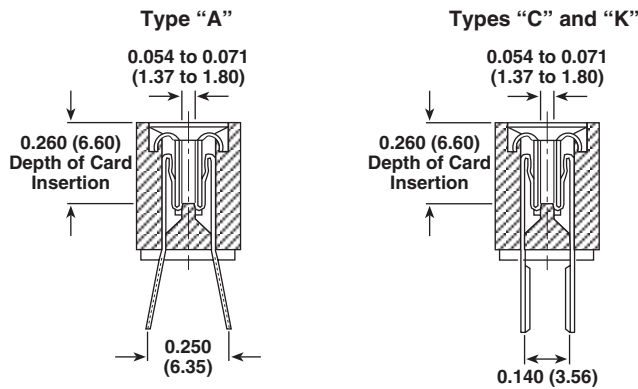
ORDERING INFORMATION

EB7	1	D	B	A	22	SG	X	A
MODEL	BODY MATERIAL	DUAL READOUT	OPTIONAL CONTACTS	STANDARD TERMINAL VARIATIONS	CONTACTS PER SIDE	CONTACT PLATING	MOUNTING VARIATIONS	POLARIZING KEY POSITIONS
	Optional body material 1 = Diallyl Phthalate 3 = Glass-filled Polyester 5 = Glass-filled Polyphenylene Sulfid □ = Omit number for standard phenolic		Beryllium Copper copntacts optional Available in "A" and "E" contact styles only (Omit for standard)	A, E, C, or K	6, 10, 12, 15, 18, 22, 36, or 43	SG = Selective gold plating (0.00003" (0.000762 mm) minimum thick) on contact area with gold flash on terminal SGF = Selective gold plating (0.000010" (0.000254 mm) minimum thick) on contact area with gold flash on terminal. All gold plating over 0.00005" (0.00127 mm) minimum nickel underplate. Contact factory for additional plating options.		Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed

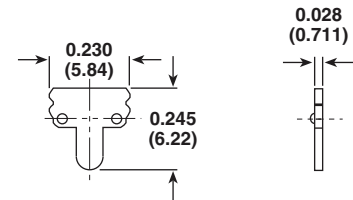
DIMENSIONS in inches (millimeters)



Section C to C:



Polarizing Key:



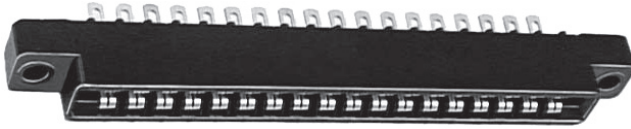
When ordering polarizing keys individually, specify by the Model Number: PK-7 between contacts. Hand insertion tool, TPK-7, provided upon request.

# OF CONTACT POSITIONS PER SIDE	A	B	D	E	F
6	1.78 (45.21)	1.53 (38.86)	1.22 (30.99)	1.10 (27.94)	0.328 (8.33)
10	2.41 (61.21)	2.16 (54.86)	1.84 (46.74)	1.72 (43.69)	0.328 (8.33)
12	2.72 (69.09)	2.47 (62.74)	2.16 (54.86)	2.04 (51.82)	0.328 (8.33)
15	3.19 (81.03)	2.94 (74.68)	2.62 (66.55)	2.50 (63.50)	0.328 (8.33)
18	3.66 (92.96)	3.41 (86.61)	3.09 (78.49)	2.97 (75.44)	0.328 (8.33)
22	4.28 (108.71)	4.03 (102.36)	3.72 (94.49)	3.60 (91.44)	0.328 (8.33)
36	6.53 (165.86)	6.22 (157.99)	5.91 (150.11)	5.78 (146.81)	0.438 (11.13)
43	7.62 (193.55)	7.30 (185.42)	7.00 (177.80)	6.80 (172.72)	0.500 (12.70)

MOUNTING VARIATIONS in inches (millimeters)			
<p>Type "V" Clearance Hole</p>	<p>Type "VI" Clearance Hole No Mounting Pad</p>	<p>Type "W" No Mounting Flange</p>	<p>Type "X" Clearance Hole</p>
<p>Type "XI" Clearance Hole No Mounting Pad</p>	<p>Type "Y" Threaded Insert</p>	<p>Type "Z" Floating Bushing Radial Float 0.047 (1.19)</p> <p>Note: Overall body length increased by 0.060 (1.52)</p>	

TERMINAL VARIATIONS in inches (millimeters)								
<p>Type "A" Pierced</p> <p>To fit 3, #22 AWG Wires</p>	<p>Type "C" and "K" Solder Dip</p> <p>To fit 0.051 (1.30), Min. Through Hole</p>	<p>Type "E" Card Extender</p>						
	<table border="1"> <thead> <tr> <th>TYPE</th> <th>G</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>0.125 ± 0.015 (3.18 ± 0.381)</td> </tr> <tr> <td>K</td> <td>0.200 ± 0.015 (5.08 ± 0.381)</td> </tr> </tbody> </table>	TYPE	G	C	0.125 ± 0.015 (3.18 ± 0.381)	K	0.200 ± 0.015 (5.08 ± 0.381)	
TYPE	G							
C	0.125 ± 0.015 (3.18 ± 0.381)							
K	0.200 ± 0.015 (5.08 ± 0.381)							

Edgeboard Connectors, Single Readout



ELECTRICAL SPECIFICATIONS

Current Rating: 5 A

Test Voltage Between Contacts:

At sea level: 1800 V_{RMS}

At 70 000 feet (21 336 meters): 450 V_{RMS}

Insulation Resistance: 5000 MΩ minimum at 500 V_{DC} potential

Contact Resistance: 30 mV maximum at rated current (with gold plating)

Operating Temperature: - 55 °C to + 125 °C

Humidity: 96 h at 90 % relative humidity at + 40 °C, dried at room temperature for 3 h minimum, insulation resistance was greater than 5000 MΩ

Durability: (With gold plating) After 500 cycles of insertion and withdrawal of a 0.070" (1.78 mm) thick steel test gauge, contact resistance less than 0.030 V at 5 A and individual contact retention force when measured with 0.054" (1.37 mm) thick steel test slug greater than ½ oz.

Shock: Three 50G shocks in each of 3 mutually perpendicular planes with no loss of continuity

Vibration: 2 h in each of 3 mutually perpendicular planes, frequency sweep 10 cps to 55 cps at 0.06 double amplitude with no loss of continuity

PHYSICAL SPECIFICATIONS

Contact Type: Bifurcated bellows

Number of Contacts: 6, 10, 12, 15, 18, and 22

Contact Spacing: 0.156" (3.96 mm) center to center

Card Thickness: 0.054" to 0.071" (1.37 mm to 1.80 mm)

Card Slot Depth: Single readout = 0.300" (7.62 mm)

Note

- High temperature burn-in, edgeboard connectors, 0.156" (3.96 mm) center to center are on www.vishay.com/doc?36006

FEATURES

- 0.156" (3.96 mm) C-C
- Bifurcated bellows contacts provide 2 flexing contact surfaces to assure positive contact under adverse conditions such as vibration or PC board irregularities
- Accepts PC board thickness of 0.054" to 0.071" (1.37 mm to 1.80 mm)
- Polarization between contact positions in all sizes. Between contact polarization permits polarizing without loss of contact position
- Selective gold plating
- Polarizing key is reinforced nylon, may be inserted by hand, requires no adhesive.
- Protected entry, provided by recessed leading edge of contact, permits the card slot to straighten and align the board before electrical contact is made. Prevents damage to contact which might be caused by warped or out of tolerance boards
- Recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524, project 77CH3889**

APPLICATIONS

For use with 0.062" (1.57 mm) printed circuit boards requiring an edgeboard type connector on 0.156" (3.96 mm) centers

MATERIAL SPECIFICATIONS

Body: (Standard) glass-filled phenolic per MIL-M-14, dark green, flame retardant (UL 94 V-0). (Optional - see Ordering Information)

"1" glass-filled diallyl phthalate per MIL-M-14, type SDG-F green, flame retardant (UL 94 V-0)

"3" thermoplastic polyester, glass-filled, black, flame retardant (UL 94 V-0)

Contacts: Phosphor bronze

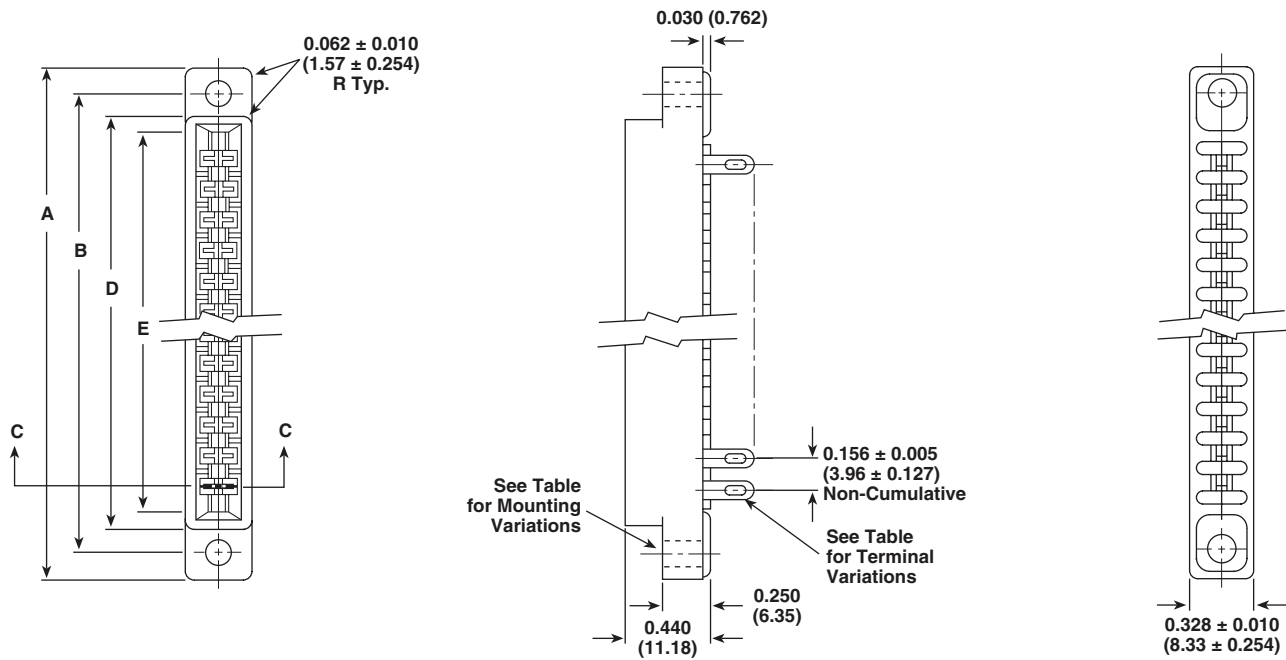
Polarizing Key: Glass reinforced nylon, flame retardant (UL 94H-B)

Contact Plating: Gold (See Ordering Information)

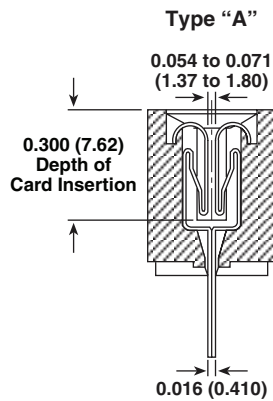
ORDERING INFORMATION

EB7	1	S	A	22	SG	X	A
MODEL	BODY MATERIAL	SINGLE READOUT	STANDARD TERMINAL VARIATIONS	CONTACTS	CONTACT PLATING	MOUNTING VARIATIONS	POLARIZING KEY POSITIONS
	Optional body material 1 = Diallyl Phthalate 3 = Glass-filled Polyester □ = Omit number for standard phenolic		A or B	6, 10, 12, 15, 18, or 22	SG = Selective gold plating (0.00003" (0.000762 mm) minimum thick) on contact area with gold flash on terminal SGF = Selective gold plating (0.000010" (0.000254 mm) minimum thick) on contact area with gold flash on terminal. All gold plating over 0.00005" (0.00127 mm) minimum nickel underplate. Contact factory for additional plating options.		Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed

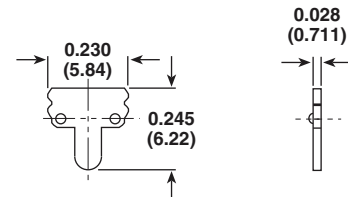
DIMENSIONS in inches (millimeters)



Section C to C:



Polarizing Key:



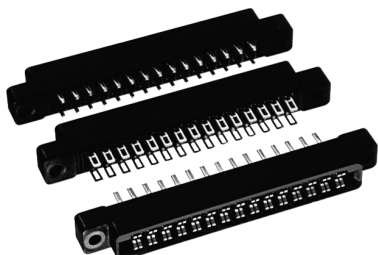
When ordering polarizing keys individually, specify by the Model Number:
PK-7 between contacts. Hand insertion tool, TPK-7, provided upon request.

# OF CONTACT POSITIONS	A	B	D	E
6	1.78 (45.21)	1.531 (38.89)	1.218 (30.94)	1.100 (27.94)
10	2.41 (61.21)	2.156 (54.76)	1.843 (46.81)	1.724 (43.79)
12	2.72 (69.09)	2.468 (62.69)	2.156 (54.76)	2.036 (51.71)
15	3.19 (81.03)	2.937 (74.60)	2.624 (66.65)	2.504 (63.60)
18	3.66 (92.96)	3.406 (86.51)	3.093 (78.56)	2.972 (75.49)
22	4.28 (108.71)	4.031 (102.39)	3.717 (94.41)	3.596 (91.34)

MOUNTING VARIATIONS in inches (millimeters)			
<p>Type "V" Clearance Hole</p> <p>0.250 (6.35) Ref. 0.142 (3.61) Dia.</p>	<p>Type "VI" Clearance Hole No Mounting Pad</p> <p>0.250 (6.35) Ref. 0.142 (3.61) Dia. 0.220 (5.59) Ref.</p>	<p>Type "W" No Mounting Flange</p> <p>0.010 (0.254) 0.000 (0.000)</p>	<p>Type "X" Clearance Hole</p> <p>0.250 (6.35) Ref. 0.128 (3.25) Dia.</p>
<p>Type "XI" Clearance Hole No Mounting Pad</p> <p>0.250 (6.35) Ref. 0.128 (3.25) Dia. 0.220 (5.59) Ref.</p>	<p>Type "Y" Threaded Insert</p> <p>0.250 (6.35) Ref. 4-40 UNC-2B 0.218 (5.54) Ref.</p>	<p>Type "Z" Floating Bushing Radial Float 0.047 (1.19)</p> <p>Note: Overall body length increased by 0.060 (1.52)</p>	

TERMINAL VARIATIONS in inches (millimeters)	
<p>Type "A" Pierced</p> <p>To fit 3, #22 AWG Wires 0.086 (2.18) 0.220 ± 0.015 (5.59 ± 0.381)</p>	<p>Type "B" Solder Dip</p> <p>To fit 0.051 (1.30) Min. Through Hole 0.220 ± 0.015 (5.59 ± 0.381)</p>

Edgeboard Connectors, Dual Readout



ELECTRICAL SPECIFICATIONS

Current Rating: 5 A

Test Voltage Between Contacts:

At sea level: 1800 V_{RMS}

At 70 000 feet (21 336 meters): 450 V_{RMS}

Insulation Resistance: 5000 MΩ minimum at 500 V_{DC} potential

Contact Resistance: 30 mV maximum at rated current (with gold plating)

Operating Temperature: - 55 °C to + 125 °C

Humidity: 96 h at 90 % relative humidity at + 40 °C, dried at room temperature for 3 h minimum, insulation resistance was greater than 5000 MΩ

Durability: (With gold plating) After 500 cycles of insertion and withdrawal of a 0.070" (1.78 mm) thick steel test gauge, contact resistance less than 0.030 V at 5 A and individual contact retention force when measured with 0.054" (1.37 mm) thick steel test slug greater than ½ oz.

Shock: Three 50G shocks in each of 3 mutually perpendicular planes with no loss of continuity

Vibration: 2 h in each of 3 mutually perpendicular planes, frequency sweep 10 cps to 55 cps at 0.06 double amplitude with no loss of continuity

PHYSICAL SPECIFICATIONS

Contact Type: Bifurcated bellows

Number of Contacts: 6, 10, 12, 15, 18, 22, 24, 25 per side

Contact Spacing: 0.156" (3.96 mm) center to center

Card Thickness: 0.054" to 0.071" (1.37 mm to 1.80 mm)

Card Slot Depth: Dual readout = 0.330" (8.38 mm)

Note

- High temperature burn-in, edgeboard connectors, 0.156" (3.96 mm) center to center are on www.vishay.com/doc?36006

FEATURES

- 0.156" C-C x 0.200" grid (3.96 mm x 5.08 mm)
- Greater design latitude
- 3 body materials: Diallyl phthalate, phenolic and glass-filled polyester
- 6 contact termination styles, 8 body sizes, 7 mounting styles
- Bifurcated bellows contacts provide 2 flexing contact surfaces to assure positive contact
- Accepts PC board thickness of 0.054" to 0.071" (1.37 mm to 1.80 mm)
- Polarization between contact positions in all sizes
- Selective gold plating
- Recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524, project 77CH3889**

APPLICATIONS

For use with 0.062" (1.57 mm) printed circuit boards requiring an edgeboard type connector on 0.156" (3.96 mm) centers

MATERIAL SPECIFICATIONS

Body:

"1" glass-filled diallyl phtalate per MIL-M-14, type SDG-F green, flame retardant (UL 94 V-0)

"2" glass-filled phenolic per MIL-M-14, type MFH dark green, flame retardant (UL 94 V-0)

"3" thermoplastic polyester, glass-filled, black, flame retardant (UL 94 V-0)

"5" thermoplastic polyphenylene sulfied, glass-filled, brown, flame retardant (UL 94 V-0)

Contacts: Phosphor bronze

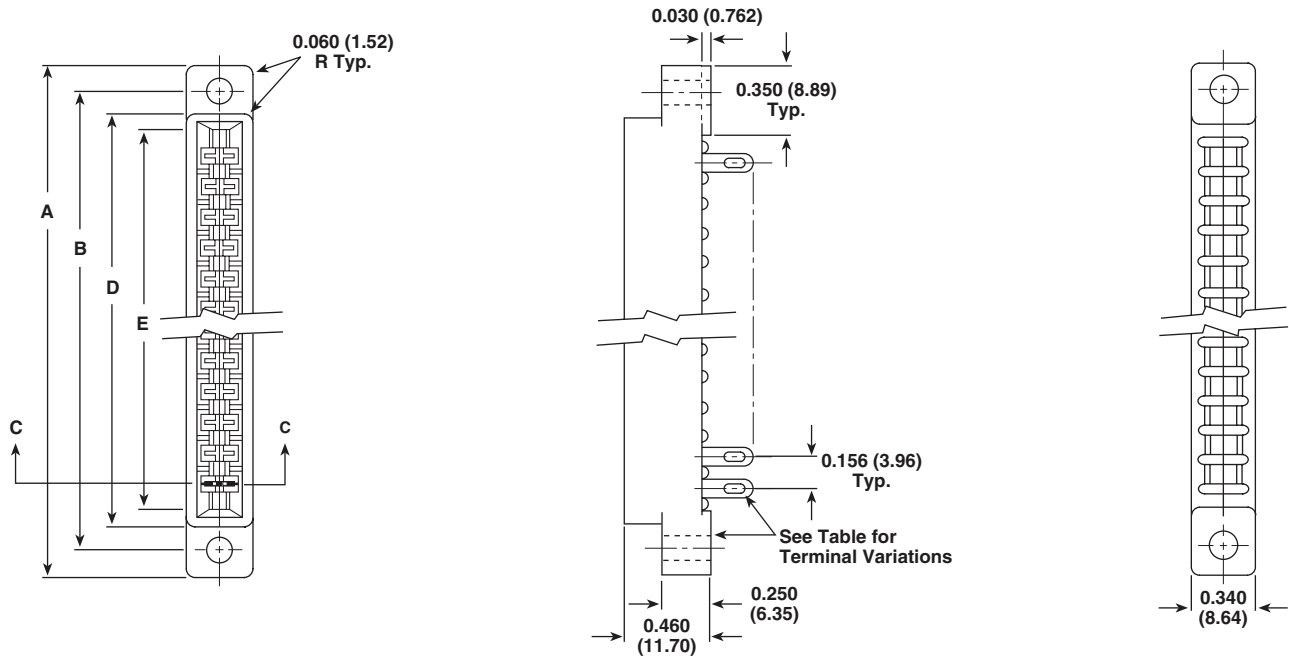
Polarizing Key: Glass reinforced nylon, flame retardant (UL 94H-B)

Contact Plating: Gold (See Ordering Information)

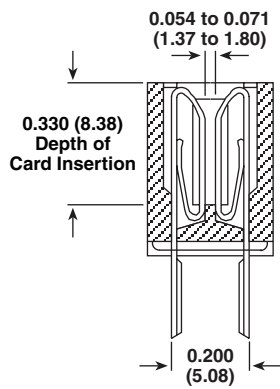
ORDERING INFORMATION

EB8	1	B	A	22	SG	X	A
MODEL	BODY MATERIAL	OPTIONAL CONTACTS	STANDARD TERMINAL VARIATIONS	CONTACTS PER SIDE	CONTACT PLATING	MOUNTING VARIATIONS	POLARIZING KEY POSITIONS
	Optional body material 1 = Diallyl phthalate 2 = Phenolic 3 = Glass-filled polyester 5 = Glass-filled polyphenylene sulfied	Beryllium copper contacts optional. Available in "A" and "E" contact styles only (Omit for standard)	A, C, D, K, L, or E	6, 10, 12, 15, 18, 22, 24 or 25	SG = Selective gold plating (0.00003" (0.000762 mm) minimum thick) on contact area with gold flash on terminal SGF = Selective gold plating (0.000010" (0.000254 mm) minimum thick) on contact area with gold flash on terminal. All gold plating over 0.00005" (0.00127 mm) minimum nickel underplate. Contact factory for additional plating options.		Key(s) are located to right of position(s) designated. Required only when polarizing keys are to be factory installed

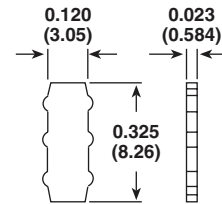
DIMENSIONS in inches (millimeters)



Section C to C:



Polarizing Key:



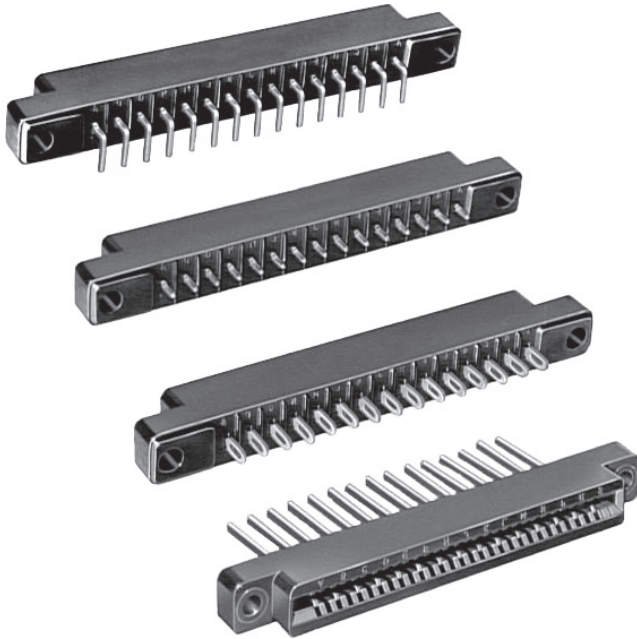
When ordering polarizing keys individually, specify by the Model Number:
PK-8 between contacts. Hand insertion tool, TPK-8, provided upon request.

# OF CONTACT POSITIONS	A	B	D	E
6	1.78 (45.21)	1.531 (38.89)	1.240 (31.50)	1.100 (27.94)
10	2.41 (61.21)	2.156 (54.76)	1.864 (47.35)	1.724 (43.79)
12	2.72 (69.09)	2.469 (62.71)	2.176 (55.27)	2.036 (51.71)
15	3.19 (81.03)	2.937 (74.60)	2.644 (67.16)	2.504 (63.60)
18	3.66 (92.96)	3.406 (86.51)	3.112 (79.05)	2.972 (75.49)
22	4.28 (108.71)	4.031 (102.39)	3.736 (94.89)	3.596 (91.34)
24	4.59 (116.59)	4.344 (110.33)	4.051 (102.89)	3.911 (99.34)
25	4.75 (120.65)	4.500 (114.30)	4.207 (106.86)	4.067 (103.30)

MOUNTING VARIATIONS in inches (millimeters)			
<p>Type "V" Clearance Hole</p>	<p>Type "VI" Clearance Hole No Mounting Pad</p>	<p>Type "W" No Mounting Flange</p>	<p>Type "X" Clearance Hole</p>
<p>Type "XI" Clearance Hole No Mounting Pad</p>	<p>Type "Y" Threaded Insert</p>	<p>Type "Z" Floating Bushing Radial Float 0.047 (1.19)</p> <p>Note: Overall body length increased by 0.060 (1.52)</p>	

TERMINAL VARIATIONS in inches (millimeters)		
<p>Type "A" Pierced</p>	<p>Type "C"</p>	<p>Type "D" Solder Dip</p>
<p>Type "K" Solder Dip</p>	<p>Type "L" Solder Dip</p>	<p>Type "E" Card Extender</p>
		<p>Uses Type "A" Contact</p>

Edgeboard Connectors, Single Readout, Dip Solder, Eyelet and Wire Wrap™ Termination



FEATURES

- 0.156" (3.96 mm) C-C
- Modified tuning fork contacts have chamfered lead-in to reduce wear on printed circuit board contacts without sacrificing contact pressure and wiping action
- Accepts PC board thickness of 0.054" to 0.070" (1.37 mm to 1.78 mm)
- Polarization on or between contact positions in all sizes. Between contact polarization permits polarizing without loss of a contact position
- Polarizing key is reinforced nylon, may be inserted by hand, requires no adhesive
- Protected entry, provided by recessed leading edge of contact, permits the card slot to straighten and align the board before electrical contact is made. Prevents damage to contacts which might be caused by warped or out of tolerance boards
- Optional terminal configurations, including eyelet (type A), dip-solder (types B, C, D, R), Wire Wrap™ (types E, F)
- **Connectors with type A, B, C, D, or R contacts are recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524, project 77CH3889**

ELECTRICAL SPECIFICATIONS

Current Rating: 5 A

Test Voltage Between Contacts:

At sea level: 1800 V_{RMS}

At 70 000 feet (21 336 meters): 450 V_{RMS}

Insulation Resistance: 5000 MΩ minimum (at 500 V_{DC} potential)

Contact Resistance: (voltage drop) 30 mV maximum at rated current with gold flash

PHYSICAL SPECIFICATIONS

Number of Contacts: 6, 10, 12, 15, 18, or 22

Contact Spacing: 0.156" (3.96 mm)

Card Thickness: 0.054" to 0.070" (1.37 mm to 1.78 mm)

Card Slot Depth: 0.330" (8.38 mm)

APPLICATIONS

For use with 0.062" (1.57 mm) printed circuit boards requiring an edgeboard type connector on 0.156" (3.96 mm) centers

MATERIAL SPECIFICATIONS

Body: Glass-filled phenolic per MIL-M-14, type MFH, black, flame retardant (UL 94 V-0)

Contacts: Copper alloy

Finish: 1 = Electro tin plated, 2 = Gold flash

Polarizing Key: Glass-filled nylon

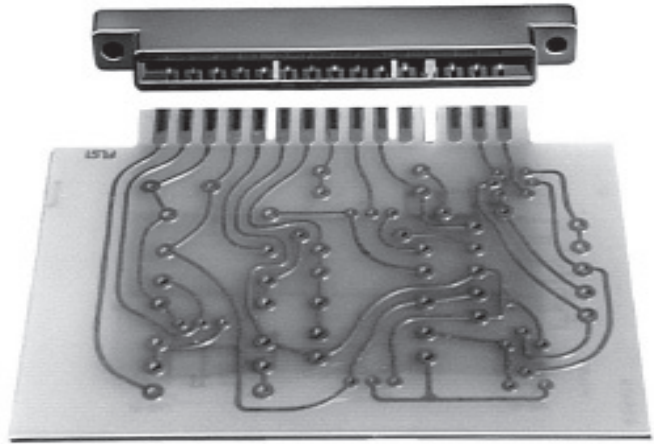
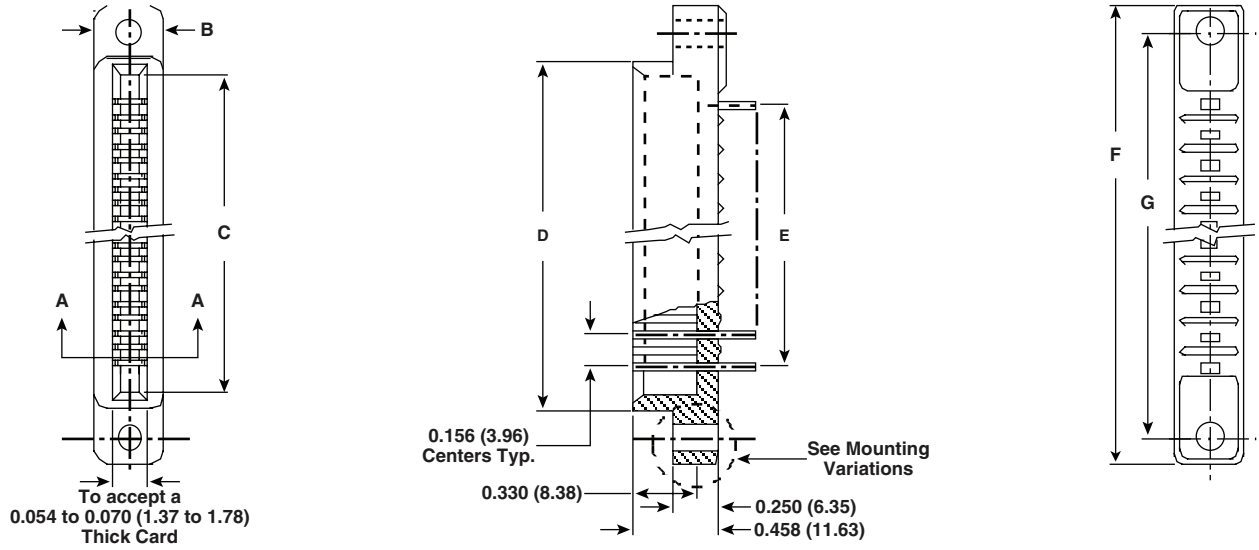
Optional Threaded Mounting Insert: Nickel plated brass (Type Y)

Optional Floating Mounting Bushing: Cadmium plated brass (Type Z)

ORDERING INFORMATION

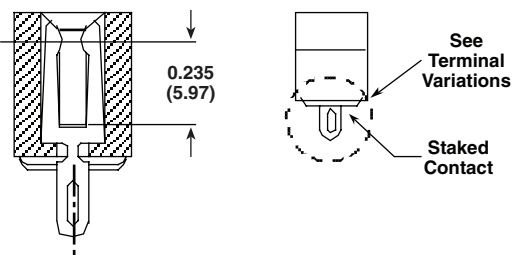
EBT156	10	A	1	X	A, J	A9, J9
MODEL	CONTACTS	STANDARD TERMINAL VARIATIONS	CONTACT FINISH	MOUNTING VARIATIONS	BETWEEN CONTACT POLARIZATION	ON CONTACT POLARIZATION
	6, 10, 12, 15, 18, or 22	A, B, C, D, E, F, or R	1 = Electro tin plated 2 = Gold flash	W, X, Y, or Z		Required only when polarizing key(s) are to be factory installed . Polarization key replaces contact. When polarizing key(s) replaces contact(s), indicate by adding suffix "9" to contact position(s) desired. Example: A9, J9 means keys replace terminals A and J
			Required only when polarizing key(s) are to be factory installed . Polarization key positions: Between contact polarization key(s) are located to the right of the contact position(s) desired. Example: A, J means keys between A and B , and J and K			

DIMENSIONS in inches (millimeters)

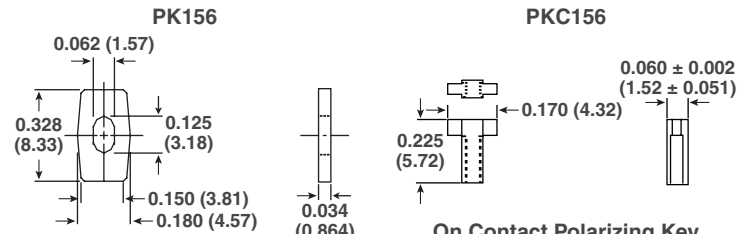


Between contact or on contact polarization available in all sizes for factory or field insertion.

Section A to A:



Polarizing Key:



Between Contact Polarizing Key
When ordering polarizing keys individually, specify by Model Number PK156 or PKC156

# OF CONTACT POSITIONS	B	C	D	E	F	G
6	0.340 (8.64)	1.10 (27.94)	1.24 (31.50)	0.781 (19.84)	1.80 (45.72)	1.53 (38.86)
10	0.340 (8.64)	1.72 (43.69)	1.86 (47.24)	1.41 (35.81)	2.43 (61.72)	2.16 (54.86)
12	0.340 (8.64)	2.04 (51.82)	2.18 (55.37)	1.72 (43.69)	2.74 (69.60)	2.47 (62.74)
15	0.340 (8.64)	2.50 (63.50)	2.65 (67.31)	2.19 (55.63)	3.21 (81.53)	2.94 (74.68)
18	0.340 (8.64)	2.97 (75.44)	3.11 (78.99)	2.66 (67.56)	3.68 (93.47)	3.41 (86.61)
22	0.340 (8.64)	3.60 (91.44)	3.74 (95.0)	3.28 (83.31)	4.30 (109.22)	4.03 (102.36)

MOUNTING VARIATIONS in inches (millimeters)			
Type "W" No Mounting Flange $+ 0.010 (0.254)$ $- 0.000 (0.000)$ 	Type "X" Clearance Hole $0.140 (3.56)$ Dia.	Type "Y" Threaded Insert 4-40 UNC-2B	Type "Z" Floating Bushing $0.250 (6.35)$ Ref. $0.116 \pm 0.003 (2.95 \pm 0.076)$ $0.010 (0.254)$ $0.005 (0.127)$ Axial Float $0.010 (0.254)$ Min. Radial Float $0.040 (1.02)$ Min. Wall

TERMINAL VARIATIONS in inches (millimeters)			
Type "A" $1.25 (31.75)$ $0.190 (4.83)$ $0.040 (1.02)$ $0.090 (2.29)$ $0.031 (0.787)$	Type "B" $0.125 (3.18)$ $0.031 (0.787)$ Sq.	Type "C" $0.406 (10.318)$ $0.031 (0.787)$ Sq.	Type "D" $0.200 (5.08)$ $0.031 (0.787)$ Sq.
Type "E" $0.062 (1.57)$ $0.500 (12.70)$ $0.031 (0.787)$	Type "F" $0.062 (1.57)$ $0.800 (20.32)$ $0.031 (0.787)$	Type "R" $0.100 (2.54)$ $0.560 (14.22)$ $0.031 (0.787)$ Sq. $0.170 (4.32)$	

Edgeboard Connectors, 200 °C Burn-In Connectors, Dual Readout



ELECTRICAL SPECIFICATIONS

Current Rating: 5 A

Test Voltage Between Contacts:

At sea level: 1800 V_{RMS}

At 70 000 feet (21 336 meters): 450 V_{RMS}

Insulation Resistance: 5000 MΩ minimum at 500 V_{DC} potential

Contact Resistance: 30 mV maximum at rated current

Humidity: 48 h at 95 % relative humidity at + 90 °C, insulation resistance 5000 MΩ

Shock: Three 50G shocks in each of 3 mutually perpendicular planes with no loss of continuity

FEATURES

- EB4, 0.100" (2.54 mm) C-C; EB6, 0.125" (3.17 mm) C-C; EB7 and EB8, 0.156" (3.96 mm) C-C
- Right angle styles included for all models
- High temperature, glass reinforced PPS connector bodies - 200 °C
- High reliability copper-nickel-tin alloy contacts
- Accepts PC board thickness of 0.054" to 0.071" (1.37 mm to 1.80 mm)
- High reliability bifurcated bellows contacts
- Gold plated contacts
- Card extender style terminals standard
- Variety of mounting styles available
- **Recognized under the Component Program of Underwriters Laboratories, Inc. listed under file E65524**

APPLICATIONS

High temperature, long life connectors specifically designed for burn-in oven and automatic temperature testing applications.

Available in a wide range of sizes. Priced affordably and competitively.

SPECIAL NOTE

When operating units at elevated temperatures, solder having a melting point 50 °C above the operating temperature should be used. Contact factory for specific solder information.

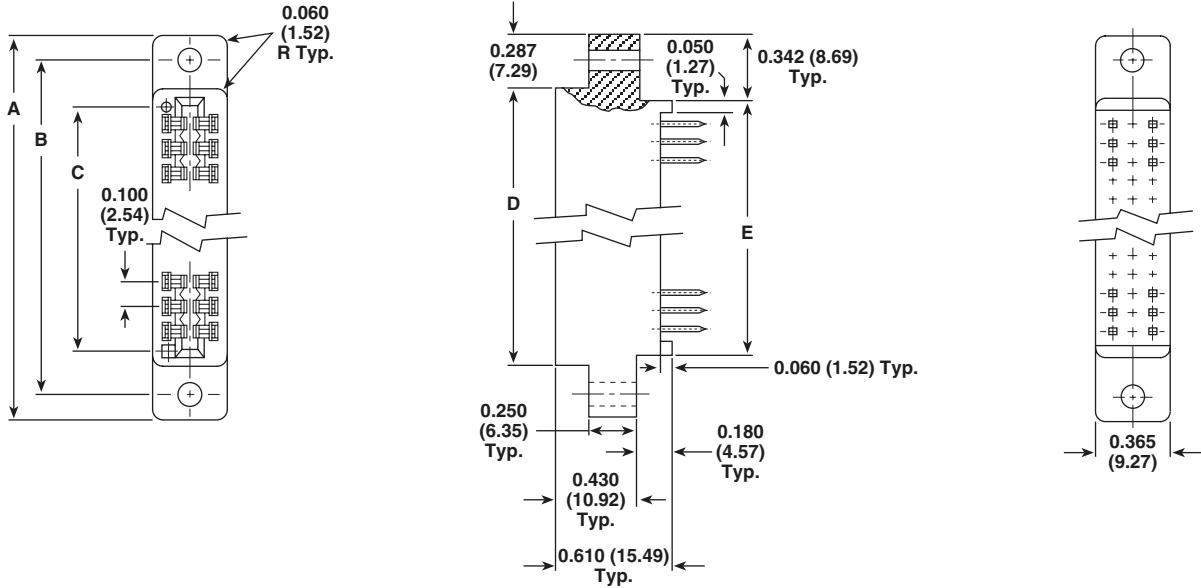
MATERIAL SPECIFICATIONS

Body Material: 200 °C connectors: Fiberglass reinforced polyphenylene sulfide, + 200 °C operating temperature, flame retardant (UL 94 V-0)

Contacts: Copper-nickel-tin alloy per ASTM B 740

Plating: Gold plating (0.00003" (0.000762 mm) thick), over 0.00005" (0.00127 mm) minimum nickel underplate

DIMENSIONS in inches (millimeters)

EB4 0.100" (2.54 mm) C-C


MODEL - PART NUMBER	# OF CONTACT POSITIONS PER SIDE	A	B	C	D	E	CARD SLOT DEPTH
EB45-P□6GΔ	6	1.435 (36.45)	1.175 (29.85)	0.700 (17.78)	0.860 (24.84)	0.750 (19.05)	0.300 (7.62)
EB45-P□10GΔ	10	1.835 (46.61)	1.575 (40.00)	1.100 (27.94)	1.260 (32.00)	1.150 (29.21)	0.300 (7.62)
EB45-P□12GΔ	12	2.035 (51.69)	1.775 (45.08)	1.300 (33.02)	1.460 (37.08)	1.350 (34.29)	0.300 (7.62)
EB45-P□15GΔ	15	2.335 (59.31)	2.075 (52.70)	1.600 (40.64)	1.760 (44.70)	1.650 (41.91)	0.300 (7.62)
EB45-P□18GΔ	18	2.635 (66.93)	2.375 (60.32)	1.900 (48.26)	2.060 (52.32)	1.950 (49.53)	0.300 (7.62)
EB45-P□20GΔ	20	2.835 (72.01)	2.575 (65.40)	2.100 (53.34)	2.260 (57.40)	2.150 (54.61)	0.300 (7.62)
EB45-P□22GΔ	22	3.035 (77.09)	2.775 (70.48)	2.300 (58.42)	2.460 (62.48)	2.350 (59.69)	0.300 (7.62)
EB45-P□25GΔ	25	3.335 (84.71)	3.075 (78.10)	2.600 (66.04)	2.760 (70.10)	2.650 (67.31)	0.300 (7.62)
EB45-P□28GΔ	28	3.635 (92.33)	3.375 (85.72)	2.900 (73.66)	3.060 (77.72)	2.950 (74.93)	0.300 (7.62)
EB45-P□30GΔ	30	3.835 (97.41)	3.575 (90.80)	3.100 (78.74)	3.260 (82.80)	3.150 (80.01)	0.300 (7.62)
EB45-P□31GΔ	31	3.935 (99.95)	3.675 (93.34)	3.200 (81.28)	3.360 (85.34)	3.250 (82.55)	0.300 (7.62)
EB45-P□35GΔ	35	4.335 (110.11)	4.075 (103.50)	3.600 (91.44)	3.760 (95.50)	3.650 (92.71)	0.300 (7.62)
EB45-P□36GΔ	36	4.435 (112.65)	4.175 (106.04)	3.700 (93.98)	3.860 (98.04)	3.750 (95.25)	0.300 (7.62)
EB45-P□40GΔ	40	4.835 (122.81)	4.575 (116.20)	4.100 (104.14)	4.260 (108.20)	4.150 (105.41)	0.300 (7.62)
EB45-P□43GΔ	43	5.135 (130.43)	4.875 (123.82)	4.400 (111.76)	4.560 (115.82)	4.450 (113.03)	0.300 (7.62)
EB45-P□44GΔ	44	5.235 (132.97)	4.975 (126.36)	4.500 (114.30)	4.660 (118.36)	4.550 (115.57)	0.300 (7.62)
EB45-P□48GΔ	48	5.635 (143.13)	5.375 (136.52)	4.900 (124.46)	5.060 (128.52)	4.950 (125.73)	0.300 (7.62)
EB45-P□49GΔ	49	5.735 (145.67)	5.475 (139.06)	5.000 (127.00)	5.160 (131.06)	5.050 (128.27)	0.300 (7.62)
EB45-P□50GΔ	50	5.835 (148.21)	5.575 (141.60)	5.100 (129.54)	5.260 (133.60)	5.150 (130.81)	0.300 (7.62)
EB45-P□60GΔ	60	6.835 (173.61)	6.575 (167.00)	6.100 (154.94)	6.260 (159.00)	6.150 (156.21)	0.300 (7.62)
EB45-P□65GΔ	65	7.335 (186.31)	7.075 (179.70)	6.600 (167.64)	6.760 (171.70)	6.650 (168.91)	0.300 (7.62)

ORDERING INFORMATION

When ordering connectors using the above part numbers:

- = Indicate "E" for card extender, "K" for Wire Wrap™ or "3R" for right angle terminals
- Δ = Indicate "X" for standard mounting, "XF" for flush mounting or "XS" for side mounting

EB4, EB6, EB7, EB8

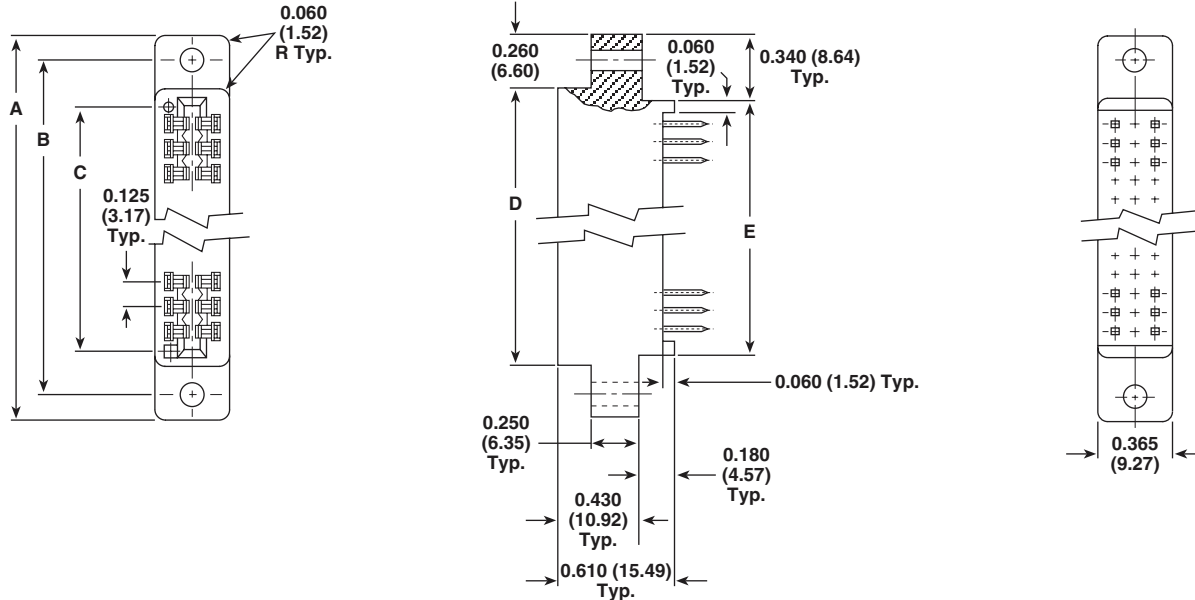


Vishay Dale

Edgeboard Connectors, 200 °C Burn-In Connectors,
Dual Readout

DIMENSIONS in inches (millimeters)

EB6 0.125" (3.17 mm) C-C



MODEL - PART NUMBER	# OF CONTACT POSITIONS PER SIDE	A	B	C	D	E	CARD SLOT DEPTH
EB65-P□6GΔ	6	1.555 (39.50)	1.295 (32.89)	0.875 (22.22)	1.035 (26.29)	0.875 (22.22)	0.300 (7.62)
EB65-P□10GΔ	10	2.055 (52.20)	1.795 (45.59)	1.375 (34.92)	1.535 (38.99)	1.375 (34.92)	0.300 (7.62)
EB65-P□12GΔ	12	2.305 (58.55)	2.045 (51.94)	1.625 (41.28)	1.785 (45.34)	1.625 (41.28)	0.300 (7.62)
EB65-P□14GΔ	14	2.555 (64.90)	2.295 (58.29)	1.875 (47.62)	2.035 (51.69)	1.875 (47.62)	0.300 (7.62)
EB65-P□15GΔ	15	2.680 (68.07)	2.420 (61.47)	2.000 (50.80)	2.160 (54.86)	2.000 (50.80)	0.300 (7.62)
EB65-P□18GΔ	18	3.055 (77.60)	2.795 (70.99)	2.375 (60.32)	2.535 (64.39)	2.375 (60.32)	0.300 (7.62)
EB65-P□22GΔ	22	3.555 (90.30)	3.295 (83.69)	2.875 (73.02)	3.035 (77.09)	2.875 (73.02)	0.300 (7.62)
EB65-P□24GΔ	24	3.805 (96.65)	3.545 (90.04)	3.125 (79.38)	3.285 (83.44)	3.125 (79.38)	0.300 (7.62)
EB65-P□25GΔ	25	3.930 (99.82)	3.670 (93.22)	3.250 (82.55)	3.410 (86.61)	3.250 (82.55)	0.300 (7.62)
EB65-P□28GΔ	28	4.305 (109.35)	4.045 (102.74)	3.625 (92.08)	3.785 (96.14)	3.625 (92.08)	0.300 (7.62)
EB65-P□30GΔ	30	4.555 (115.70)	4.295 (109.09)	3.875 (98.42)	4.035 (102.49)	3.875 (98.42)	0.300 (7.62)
EB65-P□31GΔ	31	4.680 (118.87)	4.420 (112.27)	4.000 (101.60)	4.160 (105.66)	4.000 (101.60)	0.300 (7.62)
EB65-P□32GΔ	32	4.805 (122.05)	4.545 (115.44)	4.125 (104.78)	4.285 (108.84)	4.125 (104.78)	0.300 (7.62)
EB65-P□35GΔ	35	5.180 (131.57)	4.920 (124.97)	4.500 (114.30)	4.660 (118.36)	4.500 (114.30)	0.300 (7.62)
EB65-P□36GΔ	36	5.305 (134.75)	5.045 (128.14)	4.625 (117.48)	4.785 (121.54)	4.625 (117.48)	0.300 (7.62)
EB65-P□40GΔ	40	5.805 (147.45)	5.545 (140.84)	5.125 (130.18)	5.285 (134.24)	5.125 (130.18)	0.300 (7.62)
EB65-P□43GΔ	43	6.180 (156.97)	5.920 (150.37)	5.500 (139.70)	5.660 (143.76)	5.500 (139.70)	0.300 (7.62)
EB65-P□44GΔ	44	6.305 (160.15)	6.045 (153.54)	5.625 (142.88)	5.785 (146.94)	5.625 (142.88)	0.300 (7.62)
EB65-P□49GΔ	49	6.930 (176.02)	6.670 (169.42)	6.250 (158.75)	6.410 (162.81)	6.250 (158.75)	0.300 (7.62)
EB65-P□50GΔ	50	7.055 (179.20)	6.795 (172.59)	6.375 (161.92)	6.535 (165.99)	6.375 (161.92)	0.300 (7.62)

ORDERING INFORMATION

When ordering connectors using the above part numbers:

- = Indicate "E" for card extender, "K" for Wire Wrap™ or "3R" for right angle terminals
- Δ = Indicate "X" for standard mounting, "XF" for flush mounting or "XS" for side mounting



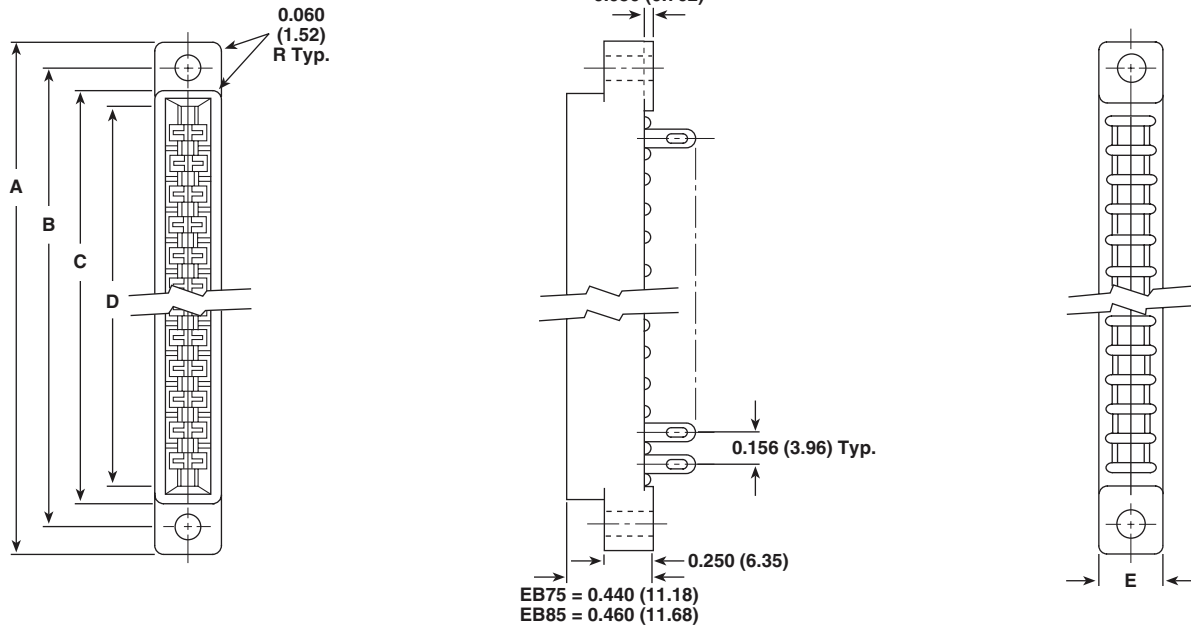
EB4, EB6, EB7, EB8

Edgeboard Connectors, 200 °C Burn-In Connectors,
Dual Readout

Vishay Dale

DIMENSIONS in inches (millimeters)

EB7 and EB8 0.156" (3.96 mm) C-C



MODEL - PART NUMBER	# OF CONTACT POSITIONS PER SIDE	A	B	C	D	E	CARD SLOT DEPTH
EB85-P□6GΔ	6	1.780 (45.21)	1.531 (38.89)	1.240 (31.50)	1.100 (27.94)	0.340 (8.64)	0.330 (8.38)
EB85-P□10GΔ	10	2.410 (61.21)	2.156 (54.76)	1.864 (47.35)	1.724 (43.79)	0.340 (8.64)	0.330 (8.38)
EB85-P□12GΔ	12	2.720 (69.09)	2.469 (62.71)	2.176 (55.27)	2.036 (51.71)	0.340 (8.64)	0.330 (8.38)
EB85-P□15GΔ	15	3.190 (81.03)	2.937 (74.60)	2.644 (67.16)	2.504 (63.60)	0.340 (8.64)	0.330 (8.38)
EB85-P□18GΔ	18	3.660 (92.96)	3.406 (86.51)	3.112 (79.04)	2.972 (75.49)	0.340 (8.64)	0.330 (8.38)
EB85-P□22GΔ	22	4.280 (108.71)	4.031 (102.39)	3.736 (94.89)	3.596 (91.34)	0.340 (8.64)	0.330 (8.38)
EB85-P□24GΔ	24	4.590 (116.59)	4.344 (110.34)	4.051 (102.90)	3.911 (99.34)	0.340 (8.64)	0.330 (8.38)
EB85-P□25GΔ	25	4.750 (120.65)	4.500 (114.30)	4.207 (106.86)	4.067 (103.30)	0.340 (8.64)	0.330 (8.38)
EB75D-P□36GΔ	36	6.530 (165.86)	6.219 (157.96)	5.906 (150.01)	5.778 (146.76)	0.438 (11.13)	0.260 (6.60)
EB75D-P□43GΔ	43	7.615 (193.42)	7.302 (185.47)	7.000 (177.80)	6.802 (172.77)	0.500 (12.70)	0.260 (6.60)

RIGHT ANGLE DIMENSIONS

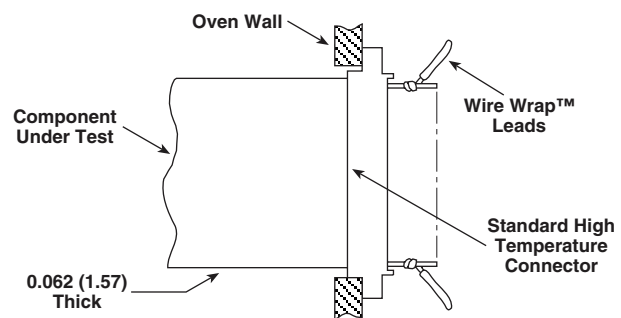
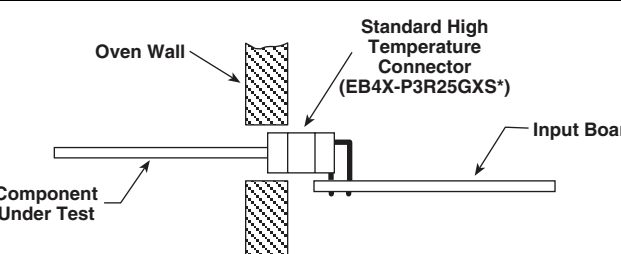
EB75D-PR□6GΔ	6	1.780 (45.21)	1.531 (38.89)	1.218 (30.94)	1.100 (27.94)	0.328 (8.33)	0.260 (6.60)
EB75D-PR□10GΔ	10	2.410 (61.21)	2.156 (54.76)	1.843 (46.81)	1.724 (43.79)	0.328 (8.33)	0.260 (6.60)
EB75D-PR□12GΔ	12	2.720 (69.09)	2.468 (62.69)	2.156 (54.76)	2.036 (51.71)	0.328 (8.33)	0.260 (6.60)
EB75D-PR□15GΔ	15	3.190 (81.03)	2.937 (74.60)	2.624 (66.65)	2.504 (63.60)	0.328 (8.33)	0.260 (6.60)
EB75D-PR□18GΔ	18	3.660 (92.96)	3.406 (86.51)	3.093 (78.56)	2.972 (75.49)	0.328 (8.33)	0.260 (6.60)
EB75D-PR□22GΔ	22	4.280 (108.71)	4.031 (102.39)	3.717 (94.41)	3.596 (91.34)	0.328 (8.33)	0.260 (6.60)
EB75D-PR□36GΔ	36	6.530 (165.86)	6.219 (157.96)	5.906 (150.01)	5.778 (146.76)	0.438 (11.13)	0.260 (6.60)
EB75D-PR□43GΔ	43	7.615 (193.42)	7.302 (185.47)	7.000 (177.80)	6.802 (172.77)	0.500 (12.70)	0.260 (6.60)

ORDERING INFORMATION

When ordering connectors using the above part numbers:

□ = Indicate "A" for solder eyelet or "E" for card extender. **Note:** Dimensions are the same for "A" or "E" styles

Δ = Indicate "X" for standard mounting or "XS" for side mounting

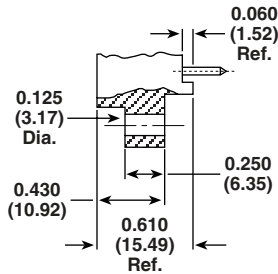
MOUNTING STYLES in inches (millimeters)			
Wire Wrap™ Permanent Mounting			EB4 0.100" (2.54 mm) C-C EB6 0.125" (3.17 mm) C-C
200 °C WIRE WRAP™ MODEL NUMBERS			
EB45-PK10GX	EB45-PK35GX	EB65-PK6GX	EB65-PK30GX
EB45-PK12GX	EB45-PK36GX	EB65-PK10GX	EB65-PK31GX
EB45-PK15GX	EB45-PK40GX	EB65-PK12GX	EB65-PK32GX
EB45-PK18GX	EB45-PK43GX	EB65-PK14GX	EB65-PK35GX
EB45-PK20GX	EB45-PK44GX	EB65-PK15GX	EB65-PK36GX
EB45-PK22GX	EB45-PK48GX	EB65-PK18GX	EB65-PK40GX
EB45-PK25GX	EB45-PK49GX	EB65-PK22GX	EB65-PK43GX
EB45-PK28GX	EB45-PK50GX	EB65-PK24GX	EB65-PK44GX
EB45-PK30GX	EB45-PK60GX	EB65-PK25GX	EB65-PK49GX
EB45-PK31GX	EB45-PK65GX	EB65-PK28GX	EB65-PK50GX
Right Angle PC Board Mounting			EB4 0.100" (2.54 mm) C-C EB6 0.125" (3.17 mm) C-C EB7 0.156" (3.96 mm) C-C
200 °C RIGHT ANGLE MODEL NUMBERS			
EB45-P3R10GXS	EB45-P3R40GXS	EB65-P3R15GX	EB65-P3R43GX
EB45-P3R12GXS	EB45-P3R43GXS	EB65-P3R18GX	EB65-P3R44GX
EB45-P3R15GXS	EB45-P3R44GXS	EB65-P3R22GX	EB65-P3R49GX
EB45-P3R18GXS	EB45-P3R48GXS	EB65-P3R24GX	EB65-P3R50GX
EB45-P3R20GXS	EB45-P3R49GXS	EB65-P3R25GX	EB75D-PR6GXS
EB45-P3R22GXS	EB45-P3R50GXS	EB65-P3R28GX	EB75D-PR10GXS
EB45-P3R25GX5*	EB45-P3R60GXS	EB65-P3R30GX	EB75D-PR12GXS
EB45-P3R28GXS	EB45-P3R65GXS	EB65-P3R31GX	EB75D-PR15GXS
EB45-P3R30GXS	EB65-P3R6GX	EB65-P3R32GX	EB75D-PR18GXS
EB45-P3R31GXS	EB65-P3R10GX	EB65-P3R35GX	EB75D-PR22GXS
EB45-P3R35GXS	EB65-P3R12GX	EB65-P3R36GX	EB75D-PR36GXS
EB45-P3R36GXS	EB65-P3R14GX	EB65-P3R40GX	EB75D-PR43GXS

MOUNTING STYLES in inches (millimeters)			
Hard Wire Permanent Mounting			EB7 0.156" (3.96 mm) C-C EB8 0.156" (3.96 mm) C-C
200 °C HARD WIRE MODEL NUMBERS			
EB85-PA6GX	EB85-PA15GX	EB85-PA24GX	EB75D-PA43GX
EB85-PA10GX	EB85-PA18GX	EB85-PA25GX	
EB85-PA12GX	EB85-PA22GX	EB75D-PA36GX	
Card Extender Mounting For Fast Change of Test Setups			EB4 0.100" (2.54 mm) C-C EB6 0.125" (3.17 mm) C-C EB7 0.156" (3.96 mm) C-C EB8 0.156" (3.96 mm) C-C
200 °C CARD EXTENDER MODEL NUMBERS			
EB45-PE10GX	EB45-PE43GX	EB65-PE22GX	EB65-PE50GX
EB45-PE12GX	EB45-PE44GX	EB65-PE24GX	EB75D-PE36GX
EB45-PE15GX	EB45-PE48GX	EB65-PE25GX	EB75D-PE43GX
EB45-PE18GX	EB45-PE49GX	EB65-PE28GX	EB85-PE6GX
EB45-PE20GX	EB45-PE50GX	EB65-PE30GX	EB85-PE10GX
EB45-PE22GX	EB45-PE60GX	EB65-PE31GX	EB85-PE12GX
EB45-PE25GX	EB45-PE65GX	EB65-PE32GX	EB85-PE15GX
EB45-PE28GX	EB65-PE6GX	EB65-PE35GX	EB85-PE18GX
EB45-PE30GX	EB65-PE10GX	EB65-PE36GX	EB85-PE22GX
EB45-PE31GX	EB65-PE12GX	EB65-PE40GX	EB85-PE24GX
EB45-PE35GX	EB65-PE14GX	EB65-PE43GX	EB85-PE25GX
EB45-PE36GX	EB65-PE15GX	EB65-PE44GX	
EB45-PE40GX	EB65-PE18GX	EB65-PE49GX	

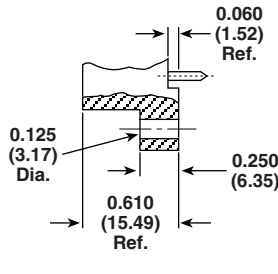
MOUNTING VARIATIONS in inches (millimeters)

EB4 0.100" (2.54 mm) C-C, EB6 0.125" (3.17 mm) C-C

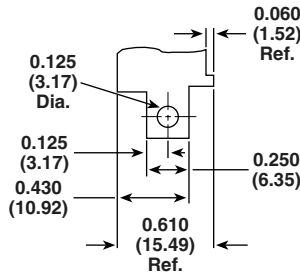
Type "X"
Clearance Hole
Raised Mounting Flange



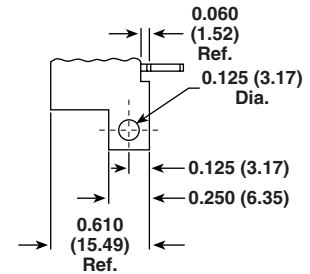
Type "XF"
Clearance Hole
Flush Mounting Flange



Type "XS"
Right Angle
Mounting Flange

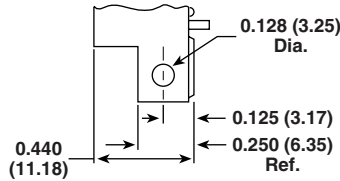


Type "XFS"
Right Angle
Mounting Flange



EB7 and EB8 0.156" (3.96 mm) C-C

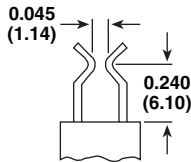
Type "XS"
Side Mounting



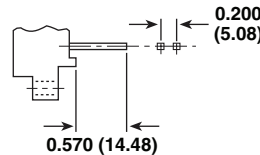
TERMINAL VARIATIONS in inches (millimeters)

EB4 0.100" (2.54 mm) C-C

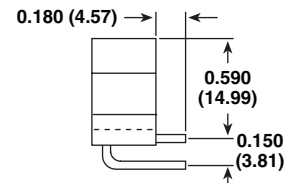
Type "E"
Card Extender



Type "K"
Wire Wrap™
0.025 (0.630) Square Terminals

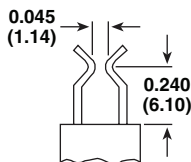


Type "3R"
Right Angle
0.025 (0.630) Square Terminals

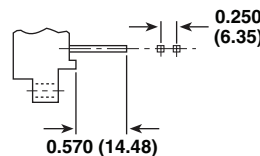


EB6 0.125" (3.17 mm) C-C

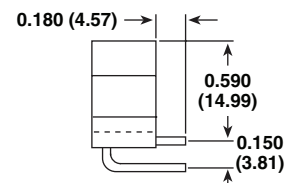
Type "E"
Card Extender



Type "K"
Wire Wrap™
0.025 (0.630) Square Terminals

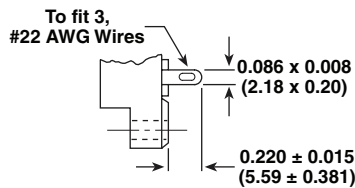


Type "3R"
Right Angle
0.025 (0.630) Square Terminals

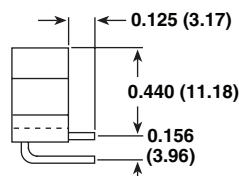


EB7 and EB8 0.156" (3.96 mm) C-C

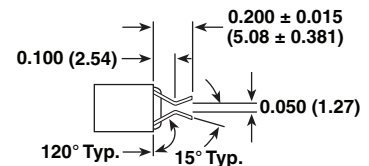
Type "A"
Solder Eyelet



EB7D only
Type "R"
Right Angle



Type "E"
Card Extender
(Made from Type "A")





Edgeboard Connectors

METHODE							VISHAY DALE						
1	2	3	4	5	6		2	1	4	5	6	3	
1	80	-	0	0	12	- 009	EB8	1	-	A	6	GF X	
2	80	-	3	9	30	- 009	EB7	D	-	K	15	GF Y	
2	81	-	2	1	18	- 009	EB7	S	-	B	18	GF Z	
2	79	-	1	5	10	- 09	EBT156*	-	10	B	1	X	
1. Insulator material: 1 = Diallyl phthalate 2 = Glass-filled phenolic							1 = Diallyl phthalate 2 = Glass-filled phenolic Note: Glass-filled phenolic standard on EB7S, EB7D and EBT156. No number needed.						
2. Product series: 80 = 0.156" C-C dual readout Note: Terminal style specifies 0.140" or 0.200" row spacing 81 = 0.156" C-C single readout with bifurcated bellows contacts 79 = 0.156" C-C single readout with tuning fork contacts							EB8 = 0.156" C-C x 0.200" row spacing EB7D = 0.156" C-C x 0.140" row spacing EB7S = 0.156" C-C single readout with bifurcated bellows contacts EBT156 = 0.156" C-C single readout with tuning contacts						
3. Mounting style: 0 = 0.128" dia. clearance hole 1 = 0.142" dia. clearance hole 2 = Floating bushing 3 = 4 to 40 threaded insert 6 = No mounting ears 7 = No mounting ears Use on 79 series only							X = 0.128" dia. clearance hole V = 0.142" dia. clearance hole Z = Floating bushing Y = 4 to 40 threaded insert W = No mounting ears						
4. Terminal style: <u>80 Series</u> 0 = Solder eyelet 2 = 0.160" long dip solder 3 = 0.250" long dip solder 9 = 0.200" long dip solder Note: 0, 2, and 3 are 0.200" row spacing. 9 is 0.140" row spacing <u>81 Series</u> 0 = Solder eyelet 1 = Dip solder <u>79 Series</u> 0 = Solder eyelet 3 = Right angle 4 = Wire Wrap™ 5 = 0.125" dip solder							<u>EB8 and EB7D Series</u> A = Solder eyelet L = 0.156" long dip solder K = 0.200" long dip solder K = 0.200" long dip solder <u>EB7S Series</u> A = Solder eyelet B = Dip solder <u>EBT156 Series</u> A = Solder eyelet R = Right angle E = Wire Wrap™ B = 0.125" dip solder						
5. Number of contact positions: 80 series = 6, 8, 10, 12, 15, 18, 22, and 24 81 series = 6, 8, 10, 12, 18, 22, and 24 79 series = 6, 8, 10, 12, 15, 18, 22, and 24							EB8 = 6, 10, 12, 15, 18, 22, 24 and 25 EB7D = 6, 10, 12, 15, 18, 22, 36 and 43 EB7S = 6, 10, 12, 15, 18, and 22 EBT156 = 6, 10, 12, 15, 18, and 22						
6. Plating: 009 = Gold (commercial) 04 = Gold (military) 09 = Tin 007 = Gold (industrial)							GF = 0.000010 μ" gold G5 = 0.000050 μ" gold T = Tin G = 0.000030 μ" gold						

METHODE						VISHAY DALE					
1	2	3	4	5		1	2	3	4	5	2
173	-	0	0	30	- 007	EB6	1	-	K	30	G X
172	-	3	3	50	- 007	EB4	2	-	C	50	G Y
1. Product series: 173 = 0.125" C-C x 0.250" row spacing with 0.025 sq. in. terminals for Wire Wrap™ and dip solder 172 = 0.100" C-C x 0.200" row spacing with 0.025 sq. in. terminals for Wire Wrap™ and dip solder						EB6 = 0.125" C-C x 0.250" row spacing with 0.025 sq. terminals for Wire Wrap™ or dip solder EB4 = 0.100" C-C x 0.200" row spacing with 0.025 sq. terminals for Wire Wrap™ or dip solder					
2. Mounting style and insulator material: 0 = 0.128" dia. clearance hole and diallyl phthalate 2 = 0.128" dia. clearance hole and phenolic 1 = 4 to 40 threaded insert and diallyl phthalate 3 = 4 to 40 threaded insert and phenolic						X = 0.125" dia. clearance hole 1 = Diallyl phthalate X = 0.125" dia. clearance hole 2 = Phenolic Y = 4 to 40 threaded insert 1 = Diallyl phthalate Y = 4 to 40 threaded insert 2 = Phenolic					
3. Terminal style: 0 = Wire Wrap™ Series 173, 4 = Dip solder Series 172, 3 = Dip solder						K = Wire Wrap™ C = Dip solder C = Dip solder					
4. Number of contact positions: Series 173 = 30, 40, and 50 Series 172 = 5, 10, 15, 18, 22, 25, 30, 31, 35, 36, 40, 43, 48, and 50						EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, and 60					
5. Contact plating: 007 = Gold over nickel (industrial)						G = 0.000030 μ" gold over nickel					

Notes

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- See the explanation listed below the perspective models.

Competitor Products Cross Reference



Vishay Dale

Edgeboard Connectors

AMPHENOL						VISHAY DALE					
1	2	3	4	5	6	1 & 3	6	2	5	4	
225	- 2	06	2	1	- 1 01	EB7	1	D	-	A	6 G X
225	- 2	10	5	2	- 1 04	EB7	1	S	-	B	10 G Z
225	- 2	15	2	3	- 1 11	EB8	1	*	-	K	15 G Y
1	2	3	4			1	2	3	4	1	
143	-	015	-	01	- 123	EBT156	-	15	A	1	X
1. and 3. Product series: 225-2*2 = 0.156" C-C x 0.140" row spacing Insulator material: Diallyl phthalate 225-2*5 = 0.156" C-C single readout Insulator material: Diallyl phthalate 225-2*2*11 = 0.156" C-C x 0.200" row spacing Insulator material: Diallyl phthalate 2. Number of contact positions: 225-2 = 6, 10, 15, 18, 22, 25, 28, 36, and 43 4. Mounting style: 1 = 0.128" dia. clearance hole 2 = Floating bushing 3 = 4 to 40 threaded insert 5. Plating options: 1 = 30 μ" gold 6. Terminal style: 01 = Solder eyelet 03 = 0.375" long x 0.140" row spacing, dip solder 04 = 0.235" long single readout dip solder 10 = 0.091" long x 0.140" row spacing, dip solder 11 = 0.375" long x 0.200" row spacing, dip solder <u>143 Series</u> 1. Product series: 143 = 0.156" C-C single readout with tuning fork style Insulator material: Diallyl phthalate 2. Number of contact positions: 143 = 6, 10, 12, 15, 18, 22, 28 and 36 3. Terminal style: 01 = Solder eyelet 03 = 0.388" long dip solder 07 = 0.107" long dip solder 09 = 0.763" long wire wrap 13 = 0.542" long wire wrap 4. Plating options: 101 = 10 μ" gold over copper 123 = Bright tin						EB7*D = 0.156" C-C x 0.140" row spacing 1 = Diallyl phthalate EB7*S = 0.156" C-C single readout 1 = Diallyl phthalate EB8* = 0.156" C-C x 0.200" row spacing 1 = Diallyl phthalate EB7D = 6, 10, 12, 15, 18, 22, 36, and 43 EB7S = 6, 10, 12, 15, 18 and 22 EB8 = 6, 10, 12, 15, 18, 22, 24, and 25 X = 0.128" dia. clearance hole Z = Floating bushing Y = 4 to 40 threaded insert G = 30 μ" gold over nickel A = Solder eyelet K = 0.375" long x 0.140" row spacing dip solder B = 0.220" long single readout dip solder C = 0.125" long x 0.140" row spacing dip solder K = 0.200" long x 0.200" row spacing dip solder <u>EBT Series</u> EBT 156 = 0.156" C-C single readout with tuning fork style Insulator material: Phenolic 143 = 6, 10, 12, 15, 18, and 22 A = Solder eyelet C = 0.406" long dip solder B = 0.125" long dip solder F = 0.800" long wire wrap E = 0.500" long wire wrap 2 = 10 μ" gold over copper 1 = Bright tin					

WINCHESTER					VISHAY DALE						
1	2	3	4	5	1	1	1	3	2	5	4
HCB	22	S	1	*	EB7	3	D	-	A	22	GF Z
HK	10	D	0	*	EB7	*	S	-	B	10	GF *
HCA	15	D2	2	*	EB8	3	*	-	K	15	GF Y
1. Product series: HCB = 0.156" C-C x 0.140" row spacing Insulator material: Glass reinforced thermoplastic HK = 0.156" C-C single readout Insulator: Glass-filled phenolic HCA = 0.156" C-C x 0.200" row spacing Insulator material: Glass reinforced thermoplastic 2. Number of contact positions: HCB = 6, 10, 15, 18, 22, 28, 36, and 43 HK = 6, 10, 15, 18, 22, 28, 36, and 43 HCA = 6, 10, 15, 22, and 25 3. Terminal style: <u>HCB</u> S = Solder eyelet D1 = 0.125" long dip solder D2 = 0.200" long dip solder D3 = 0.375" long dip solder <u>HK</u> S = Solder eyelet D = 0.190" long dip solder <u>HCA</u> S = Solder eyelet D1 = 0.156" long dip solder D2 = 0.200" long dip solder 2. Mounting style: 0 = 0.128" dia. clearance hole 1 = Floating bushing 2 = 4 to 40 threaded insert 5. Plating: * = No number required standard plating gold over copper					EB7*D = 0.156" C-C x 0.140" row spacing 3 = Glass-filled polyester (thermoplastic) EB7*S = 0.156" C-C x 0.200" single readout Insulator : Glass-filled phenolic EB8 = 0.156" C-C x 0.200" row spacing 3 = Glass-filled polyester (thermoplastic) EB7*D = 6, 10, 12, 15, 18, 22, 28, 36, and 43 EB7*S = 10, 12, 15, 18, and 22 EB8 = 6, 10, 12, 15, 18, 22, 24, and 25 <u>EB7*D</u> A = Solder eyelet C = 0.125" long dip solder K = 0.200" long dip solder B = 0.375" long dip solder <u>EB7*S</u> A = Solder eyelet B = 0.220" long dip solder <u>EB8</u> A = Solder eyelet L = 0.156" long dip solder K = 0.200" long dip solder X = 0.128" dia. clearance hole Z = Floating bushing Y = 4 to 40 threaded insert GF = 0.000010 μ" gold over nickel						

Notes

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Competitor Products Cross Reference

Edgeboard Connectors

Vishay Dale

ELCO				VISHAY DALE						
1	2	3	4	1	1	3	2	1	4	
6307	050	472	001	EB4	1	-	K	25	G	X
6064	100	061	003	EB6	1	-	K	50	G	Y
					1	4	3	2	1	4
6007	024	450	012	EB8	1	-	A	12	GF	X
1. Product series: 6307 = 0.100" C-C x 0.200" row spacing with 0.025" sq. Terminals, Diallyl Phthalate Standard Insulator material, 0.000010 μ" Gold over Nickel Standard plating 6064 = 0.125" C-C x 0.250" row spacing, Diallyl with 0.025 sq. terminals Phthalate Standard Insulator material, 0.000010 μ" Gold over Nickel Standard plating 6007 = 0.156" C-C x 0.200" row spacing with 0.025" sq. Terminals, Diallyl Phthalate Standard Insulator material, 0.000010 μ" Gold over Nickel Standard plating 2. Number of contact positions: Series 6307 = 25, 30, 36, 43, and 50 Series 6064 = 15, 28, 36, 40, 43 and 50 Series 6007 = 6, 10, 12, 15, 18, 22, 28, 36, and 43 3. Contact code: <u>Series 6307</u> 472 = 0.550" long wire wrap™ terminal <u>Series 6064</u> 061 = 0.580" long wire wrap™ terminal 475 = 0.230" long dip solder terminal <u>Series 6007</u> 450 = Solder eyelet terminal 451 = 0.202 long dip solder 4. Mounting style: <u>Series 6307</u> 001 = 0.128" dia. clearance hole 002 = 4 to 40 threaded insert <u>Series 6064</u> 001 = 0.128" dia. clearance hole 003 = 4 to 40 threaded insert <u>Series 6007</u> 012 = 0.128" dia. clearance hole 013 = floating bushing 018 = 4 to 40 threaded insert				EB4 = 0.100" C-C x 0.200" row spacing with 0.025" sq. Terminals 1 = Diallyl Phthalate G = 0.000030 μ" Gold over Nickel EB6 = 0.125" C-C x 0.250" row spacing with 0.025" sq. Terminals 1 = Diallyl Phthalate G = 0.000010 μ" Gold over Nickel EB8 = 0.156" C-C x 0.200" row spacing 1 = Diallyl Phthalate G = 0.000010 μ" Gold over Nickel EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, and 60 EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 EB8 = 6, 10, 12, 15, 18, 22, 24 and 25 EB4 K = 0.570" long wire wrap™ terminal EB6 K = 0.570" long wire wrap™ terminal C = Long dip solder terminal EB8 A = Solder eyelet terminal C = Long dip solder EB4 X = 0.125" dia. clearance hole Y = 4 to 40 threaded insert EB6 X = 0.125" dia. clearance hole Y = 4 to 40 threaded insert EB8 X = 0.128" dia. clearance hole Z = floating bushing Y = 4 to 40 threaded insert						

MICRO PLASTICS					VISHAY DALE						
1	2	3	4	5	1.3	1	4	2	1	5	
MP - 0100	- 10	D	W	5	EB4	3	-	K	10	GF	X
MP - 0125	- 40	D	W	6	EB6	3	-	K	40	GF	Y
MP - 0156	- 22	D	P	3	EB7	3D	-	A	22	GF	Z
MP - 0156	- 15	5	S	4	EB7	3S	-	B	15	GF	W
1. Product series: 3. Dual or single: MP-0100*-D = 0.100" C-C x 0.200" row spacing Insulator material: Glass filled thermoplastic Plating: 10 μ" Gold over Nickel MP-0125*-D = 0.125" C-C x 0.250" row spacing Insulator material: Glass filled thermoplastic Plating: 10 μ" Gold over Nickel MP-0156*-D = 0.156" C-C x 0.145" row spacing Insulator material: Glass filled thermoplastic Plating: 10 μ" Gold over Nickel MP-0156*-S = 0.156" C-C single readout Insulator material: Glass filled thermoplastic Plating: 10 μ" Gold over Nickel 2. Number of contact positions: MP-0100 = 10, 15, 18, 22, 25, 28, 30, 36, 40, 43, 44, 50, 60, 65, and 70 MP-0125 = 10, 15, 18, 22, 28, 30, 31, 35, 36, 40, 43, and 50 MP-0156*-D = 6, 10, 12, 15, 18, 22, 24, 25, 28, 36, and 43 MP-0156*-S = 6, 10, 12, 15, 18, 22, 24, 25, 28, 36, and 43 4. Terminal style: <u>MP-0100 and MP-0125</u> W = 0.025 sq. x 0.560" long <u>MP-0156*D</u> P = solder eyelet S = 0.210" long dip solder <u>MP-0156*S</u> P = solder eyelet S = 0.210" long dip solder 5. Mounting style: <u>MP-0100 and MP-0125</u> 4 = no mounting ears 5 = 0.125" clearance hole 6 = 4 to 40 threaded insert <u>MP-0156*D and MP-0156*S</u> 1 = 0.125" clearance hole 2 = 4 to 40 threaded insert 3 = floating bushing 4 = no mounting ears					EB43**GF = 0.100" C-C x 0.200" row spacing 3 = Glass filled polyester GF = 10 μ" Gold over Nickel EB63**GF = 0.125" C-C x 0.200" row spacing 3 = Glass filled polyester GF = 10 μ" Gold over Nickel EB73D**GF = 0.156" C-C x 0.140" row spacing 3 = Glass filled polyester GF = 10 μ" Gold over Nickel EB73S**GF = 0.156" C-C single readout 3 = Glass filled polyester GF = 10 μ" Gold over Nickel EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50 and 60 EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 EB7*D = 6, 10, 12, 15, 18, 22, 36 and 43 EB7*S = 6, 10, 12, 15, 18, and 22 EB4 and EB6 K = 0.025 sq. x 0.570" long EB7D A = solder eyelet K = 0.200" long dip solder EB7S A = solder eyelet B = 0.220" long dip solder EB4 and EB6 W = no mounting ears X = 0.125" clearance hole Y = 4 to 40 threaded insert EB7D and EB7S X = 0.128" clearance hole Y = 4 to 40 threaded insert Z = floating bushing W = no mounting ears						

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Competitor Products Cross Reference



Vishay Dale

Edgeboard Connectors

EDAC					VISHAY DALE					
1	2	3	4	5	1	1	3	2	1	4.5
345	060	540	2	02	EB4	1	-	K	30	SG XF
346	100	520	8	01	EB6	1	-	C	50	SG W
305	030	500	2	03	EB7	1D	-	A	15	SG Z
306	018	525	1	01	EB7	1S	-	B	18	SG W
307	050	520	2	08	EB8	1	-	K	25	GF Y
1. Product series: 345 = 0.100" C-C x 0.200" row spacing Insulator material: Diallyl Phthalate Contact plating: 0.000030 μ" gold inlay, nickel tin alloy contacts 346 = 0.125" C-C x 0.250" row spacing Insulator material: Diallyl Phthalate Contact plating: 0.000030 μ" gold inlay, nickel tin alloy contacts 305 = 0.156" C-C x 0.140" row spacing Insulator material: Diallyl Phthalate Contact plating: 0.000030 μ" gold inlay, nickel tin alloy contacts 306 = 0.156" C-C single readout Insulator material: Diallyl Phthalate Contact plating: 0.000010 μ" to 0.000020 μ" gold over nickel 3407 = 0.156" C-C x 0.200" row spacing Insulator material: Diallyl Phthalate Contact plating: 0.000010 μ" to 0.000020 μ" gold over nickel 2. Number of contact positions: 345 = 5, 6, 8, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22, 24, 25, 28, 30, 31, 32, 33, 35, 36, 37, 38, 40, 41, 43, 48, 49, 50, 51, 60, 61, and 65 346 = 6, 7, 10, 15, 22, 24, 25, 28, 30, 31, 35, 36, 40, 43, and 50 305 = 6, 10, 12, 15, 18, 22, 25, 28, 30, 36, and 43 306 = 6, 8, 10, 12, 15, 18, 22, 24, 25, 28, 30, 36, and 43 307 = 6, 7, 10, 11, 12, 13, 14, 15, 18, 20, 22, 24, 25, 28, 30, 36, and 43					EB4 = 0.100" C-C x 0.200" row spacing 1 = Diallyl Phthalate SG = 0.000030 μ" gold on contact area with gold flash on terminal EB6 = 0.125" C-C x 0.250" row spacing 1 = Diallyl Phthalate SG = 0.000030 μ" gold on contact area with gold flash on terminal EB7*D = 0.156" C-C x 0.140" row spacing 1 = Diallyl Phthalate SG = 0.000030 μ" gold on contact area with gold flash on terminal EB7*S = 0.156" C-C single readout 1 = Diallyl Phthalate GF = 0.000010 μ" gold over nickel EB8 = 0.156" C-C x 0.200" row spacing 1 = Diallyl Phthalate GF = 0.000010 μ" gold over nickel EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, and 60 EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 EB7*D = 6, 10, 15, 18, 22, 36 and 43 EB7*S = 6, 10, 12, 15, 18, and 22 EB8 = 6, 10, 12, 15, 18, 22, 24, and 25					

EDAC					VISHAY DALE					
1	2	3	4	5	1	1	3	2	1	4.5
345	060	540	2	02	EB4	1	-	K	30	SG XF
346	100	520	8	01	EB6	1	-	C	50	SG W
305	030	500	2	03	EB7	1D	-	A	15	SG Z
306	018	525	1	01	EB7	1S	-	B	18	SG W
307	050	520	2	08	EB8	1	-	K	25	GF Y
3. Terminal style: <u>345 and 346</u> 520 = 0.025" sq. x 0.210" long dip solder 521 = 0.025" sq. x 0.150" long dip solder 540 = 0.025" sq. x 0.560" long wire wrap™ <u>305, 306, and 307</u> 500 = Solder eyelet 520 = 0.213" long dip solder 521 = 0.125" long dip solder 525 = 0.213" long dip solder with 30 μ" gold inlay					EB4 and EB6 C = 0.025" sq. x 0.175" long dip solder D = 0.025" sq. x 0.115" long dip solder K = 0.025" sq. x 0.560" long wire wrap™ EB7*D, EB7*S and EB8 A = Solder eyelet K = 0.200" long dip solder C = 0.125" long dip solder K = 0.200" long dip solder specify SG for 30 μ" selective gold in contact area					
4. Readout insulator style: 345, 2 = Dual readout flush mounting 8 = Dual readout offset mounting 346, 2 = Dual readout flush mounting 8 = Dual readout offset mounting 305, 2 = Dual readout flush mounting 301, 2 = Center single readout flush mounting 307, 2 = Dual readout flush mounting					EB4 = Dual readout, see mounting style for flush or offset designation EB6 = Dual readout, see mounting style for flush or offset designation EB7*D = Dual readout flush mounting EB7*S = Center single readout flush mounting EB8 = Dual readout, flush mounting					
5. Mounting style: 01 = No mounting lugs 02 = 0.128" Dia. clearance hole 03 = Floating bushing 08 = 4 to 40 threaded insert					W = No mounting lugs X = 0.128" Dia. clearance hole XF = 0.128" clearance hole with flush mounting for EB4 and EB6 Z = Floating bushing Y = 4 to 40 threaded insert YF = 4 to 40 threaded insert with flush mounting for EB4 and EB6					

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Competitor Products Cross Reference

Edgeboard Connectors

Vishay Dale

HOLMBERG						VISHAY DALE							
1	1	2	3	4	5	6	1	1	3,6	2	4	5	
A8	D	10	DS	29	A	J	EB4	3	-	C	10	SG	X
A7	D	22	WW	29	B	J	EB6	3	-	K	22	SG	Y
B3	D	18	PE	08	C	1	EB8	3	-	A	18	GF	W
A2	S	15	DS	09	A	1	EB7	3S	-	B	15	G	X1
A2	D	36	PE	49	B	1	EB7	3D	-	A	36	SG	Y
1. Product series: A8D = 0.100" C-C x 0.200" row spacing Insulator material: Glass-filled thermoplastic A7D = 0.125" C-C x 0.250" row spacing Insulator material: Glass-filled thermoplastic B3D = 0.156" C-C x 0.200" row spacing Insulator material: Glass-filled thermoplastic A2S = 0.156" C-C single readout Insulator material: Glass-filled thermoplastic A2D = 0.156" C-C x 0.140" row spacing Insulator material: Glass-filled thermoplastic 2. Number of contact positions: A8D = 10, 12, 15, 20, 22, 25, 28, 30, 35, 36, 40, 43, 50 and 60 A7D = 10, 15, 18, 20, 22, 25, 28, 30, 35, 36, 40, 43, and 50 B3D = 6, 10, 12, 15, 18, 22, 24, 25, 28, 36, and 43 A2S = 6, 10, 12, 15, 18, 22, and 25 A2D = 6, 10, 12, 15, 18, 22, 25, 28, 36, and 43						EB4 = 0.100" C-C x 0.200" row spacing 3 = Glass-filled polyester EB6 = 0.125" C-C x 0.250" row spacing 3 = Glass-filled polyester EB8 = 0.156" C-C x 0.200" row spacing 3 = Glass-filled polyester EB7*S = 0.156" C-C single readout 3 = Glass-filled polyester EB7*D = 0.156" C-C x 0.140" row spacing 3 = Glass-filled polyester EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, and 60 EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 EB8 = 6, 10, 12, 15, 18, 22, 24 and 25 EB7*S = 6, 10, 12, 15, 18, and 22 EB7*D = 6, 10, 12, 15, 18, 22, 36, and 43							

HOLMBERG						VISHAY DALE							
1	1	2	3	4	5	6	1	1	3,6	2	4	5	
A8	D	10	DS	29	A	J	EB4	3	-	C	10	SG	X
A7	D	22	WW	29	B	J	EB6	3	-	K	22	SG	Y
B3	D	18	PE	08	C	1	EB8	3	-	A	18	GF	W
A2	S	15	DS	09	A	1	EB7	3S	-	B	15	G	X1
A2	D	36	PE	49	B	1	EB7	3D	-	A	36	SG	Y
3., 6. Terminal style and length: <u>A8D and A7D</u> DS = Solder dip J = 0.160 long WW = Wire wrap™ J = 0.560" long <u>B3D</u> DS = Solder dip x 0.155" long PE = Solder eyelet <u>A2S</u> DS = Solder dip x 0.220" long PE = Solder eyelet <u>A2D</u> DS = Solder dip x 0.220" long PE = Solder eyelet						<u>EB4 and EB6</u> C = Solder dip x 0.175" long K = Wire wrap™ x 0.570" long <u>EB8</u> K = Solder dip x 0.200" long A = Solder eyelet <u>EB7*S</u> B = Solder dip x 0.220" long A = Solder eyelet <u>EB7*D</u> K = Solder dip x 0.220" long A = Solder eyelet							
4. Plating options: 29 = Selective 30 μ" Gold over Nickel in contact areas with 0.002 to 0.003 Sn/Pb on terminals 08 = 10 μ" Gold over Nickel 49 = 30 μ" Gold over Nickel in contact area with Gold flash on terminals 09 = 30 μ" Gold over Nickel						SG = Selective 30 μ" Gold over Nickel in contact areas with 0.002 to 0.003 Sn/Pb on terminals GF = 10 μ" Gold over Nickel SG = 30 μ" Gold over Nickel in contact area with Gold flash on terminals G = 30 μ" Gold over Nickel							
5. Mounting style: <u>A8D, A7D and B3D</u> A = 0.125" Dia. clearance hole B = 4 to 40 threaded insert C = No mounting ears <u>A2S and A2D</u> A = 0.125" Dia. clearance hole without pads B = 4 to 40 threaded insert C = No mounting ears						<u>EB4, EB6 and EB8</u> X = 0.125" Dia. clearance hole Y = 4 to 40 threaded insert W = No mounting ears <u>EB7*S and B7*D</u> X1 = 0.125" Dia. clearance hole without pads Y = 4 to 40 threaded insert W = No mounting ears							

Notes

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- See the explanation listed below the perspective models.

Competitor Products Cross Reference



Vishay Dale

Edgeboard Connectors

TEKA					VISHAY DALE						
1	2	3	4	5	1	1	4	2	5	3	
TP1	- 25	1	W	04	EB4	3	-	K	25	SG	XF
TP2	- 30	2	S	03	EB4	3	-	C	30	G	Y
TP5	- 40	1	W	04	EB6	3	-	K	40	SG	X
TP3	- 22	3	E	02	EB8	3	-	A	22	GF	Z
TP4C	- 10	1	S	03	EB7	3S	-	B	10	G	X
1. Product series:											
TP1 = 0.100" C-C x 0.200" row spacing with flush mounting Insulator material: Glass-filled thermoplastic					EB4 = 0.100" C-C x 0.200 row spacing . Add the letter F to the mounting style designator for flush mount 3 = Glass-filled polyester						
TP2 = 0.100" C-C x 0.200" row spacing with offset mounting Insulator material: Glass-filled thermoplastic					EB4 = 0.100" C-C x 0.200" row spacing. Offset mounting standard 3 = Glass-filled polyester						
TP5 = 0.125" C-C x 0.250" row spacing with offset mounting Insulator material: Glass-filled thermoplastic					EB6 = 0.125" C-C x 0.250" row spacing. Offset mounting standard 3 = Glass-filled polyester						
TP3 = 0.156" C-C x 0.200" row spacing Insulator material: Glass-filled thermoplastic					EB8 = 0.156" C-C row spacing 3 = Glass-filled polyester						
TP4C= 0.156" C-C single readout Insulator material: Glass-filled thermoplastic					EB7*S = 0.156" C-C Single readout 3 = Glass-filled polyester						
2. Number of contact positions:											
TP1 = 8, 10, 15, 18, 22, 25, 28, 30, 35, 36, 40, 43, and 50					EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50 and 60						
TP2 = 10, 15, 18, 22, 25, 28, 30, 35, 36, 40, 43, and 50					EB4 = 10, 12, 15, 18, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50 and 60						
TP5 = 15, 18, 22, 25, 28, 30, 31, 35, 36, 40, 43, and 50					EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49 and 50						
TP3 = 6, 10, 12, 15, 18, 22, 25, 28, 30, 36, and 43					EB8 = 6, 10, 12, 15, 18, 22, 24 and 25						
TP4C = 6, 10, 12, 15, 18, 22, 25, 28, 30, 36, and 43					EB7*S = 6, 10, 12, 15, 18 and 22						

TEKA					VISHAY DALE						
1	2	3	4	5	1	1	4	2	5	3	
TP1	- 25	1	W	04	EB4	3	-	K	25	SG	XF
TP2	- 30	2	S	03	EB4	3	-	C	30	G	Y
TP5	- 40	1	W	04	EB6	3	-	K	40	SG	X
TP3	- 22	3	E	02	EB8	3	-	A	22	GF	Z
TP4C	- 10	1	S	03	EB7	3S	-	B	10	G	X
3. Mounting style:											
<u>TP1</u> 1 = 0.128" Dia .clearance hole with flush mounting 2 = 4 to 40 threaded insert with flush mounting					<u>EB4</u> XF = 0.125" Dia. clearance hole with flush mounting YF = 4 to 40 threaded insert with flush mounting						
<u>TP2 and TP5</u> 1 = 0.128" Dia .clearance hole with offset mounting 2 = 4 to 40 threaded insert with offset mounting					<u>EB4 and EB6</u> X = 0.128" Dia. clearance hole with offset mounting Y = 4 to 40 threaded insert with offset mounting						
<u>TP3 and TP4C</u> 1 = 0.128" Dia. clearance hole 2 = 4 to 40 threaded insert 3 = Floating bushing					<u>EB8 and EB7*S</u> X = 0.128" clearance hole Y = 4 to 40 threaded insert Z = Floating bushing						
4. Terminal style:											
<u>TP1, TP2 and TP5</u> S = Solder dip x 0.170" long W = Wire wrap™ x 0.560 long					<u>EB4 and EB6</u> C = Solder dip x 0.175" long K = Wire wrap™ x 0.570" long						
<u>TP3</u> S = Solder dip x 0.170" long E = Solder eyelet					<u>EB8</u> K = Solder dip x 0.200" long A = Solder eyelet						
<u>TP4C</u> S = Solder dip x 0.170" long E = Solder eyelet					<u>EB7*S</u> B = Solder dip x 0.220" long A = Solder eyelet						
5. Plating options:											
02 = 10 μ" Gold					GF = 10 μ" Gold over Nickel						
03 = 30 μ" Gold					G = 30 μ" Gold over Nickel						
04 = 30 μ" Gold selective on Copper Nickel alloy					SG = 30 μ" Gold over Nickel in contact area with Gold flash on terminals						

Notes

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Competitor Products Cross Reference

Edgeboard Connectors

Vishey Dale

VIKING							VISHAY DALE						
1	2	3	4	5	6	7	1.5	4	6	3	2	7	
3	VN	50 / 1	J	ND	5		EB4	1	-	K	50	G X	
3	KT	36 / 02	J	NH	03		EB4	3	-	K	36	SGF Y	
3	KH	28 / 9	C	ND	1		EB6	2	-	K	28	GF XF	
3	VT	49 / 02	C	NJ	12		EB6	3	-	C	49	SG W	
2	VH	22 / 9	A	N	8		EB7D	*	-	A	22	G Z	
2	KH	10 / 9	A	K	5		EB7S	*	-	B	10	GF X1	
<p>1. Keying between contacts, all numbers</p> <p>5. PC board openings and contact spacing all models shown except 0.062" boards</p> <p>J = 0.100" C-C x 0.200" row spacing C = 0.125" C-C x 0.250" row spacing A = 0.156" C-C single and dual</p> <p>2. Plating options: KH = 10 μ" Gold over Nickel VH = 30 μ" Gold over Nickel KT = 10 μ" Gold over Nickel in contact area. Tin on terminals VT = 30 μ" Gold over Nickel in contact area. Tin on terminals</p> <p>3. Number of contact positions: J spacing, 3KH, 3VH and 3VN = 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 49, 50, 55, 60, 65, and 70 J spacing, 3KT, and 3VT = 8, 15, 17, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 49, 50, 55, 60, 65, and 70 C spacing, 3KH, 3VH, 3KT and 3VT = 6, 10, 14, 15, 18, 22, 24, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 A spacing, 2KH, 2VH, and 2VN Dual readout = 6, 10, 15, 18, 22, 36 and 43 A spacing, 2KH, 2VH Single readout = 6, 10, 15, 18, 22, and 36</p>							<p>All models keying between contacts</p> <p>All models shown except 0.062" boards</p> <p>EB4 = 0.100" C-C x 0.200" row spacing EB6 = 0.125" C-C x 0.250" row spacing EB7D = 0.156" C-C x 140" row spacing EB7S = 0.156" C-C x single readout</p> <p>GF = 10 μ" Gold over Nickel G = 30 μ" Gold over Nickel SGF = 10 μ" Gold over Nickel in contact area. Gold flash on terminals SG = 30 μ" Gold over Nickel in contact area. Gold flash on terminals</p> <p>EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, and 60 EB4 = Same as above EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50 EB7D = 6, 10, 12, 15, 18, 22, 36, and 43 EB7D = 6, 10, 12, 15, 18, and 22</p>						

VIKING							VISHAY DALE						
1	2	3	4	5	6	7	1.5	4	6	3	2	7	
3	VN	50 / 1	J	ND	5		EB4	1	-	K	50	G X	
3	KT	36 / 02	J	NH	03		EB4	3	-	K	36	SGF Y	
3	KH	28 / 9	C	ND	1		EB6	2	-	K	28	GF XF	
3	VT	49 / 02	C	NJ	12		EB6	3	-	C	49	SG W	
2	VH	22 / 9	A	N	8		EB7D	*	-	A	22	G Z	
2	KH	10 / 9	A	K	5		EB7S	*	-	B	10	GF X1	
<p>4. Insulator material: 1 = Diallyl phthalate 9 = Phenolic 02 = Glass reinforced polyester</p> <p>6. Terminal style: <u>3**/J Series</u> ND = 0.025" sq. x 0.570" long NH = 0.025" sq. x 0.625" long NJ = 0.025" sq. x 0.275" long <u>3**/C Series</u> ND = 0.025" sq. x 0.570" long NH = 0.025" sq. x 0.650" long NJ = 0.025" sq. x 0.250" long <u>2**/A dual readout</u> N = solder eyelet V = 0.380" long dip solder E = 0.132" long dip solder DD = 0.195" long dip solder <u>2**/A single readout</u> K = 0.220" long dip solder B = solder eyelet</p> <p>7. Mounting style: <u>3**/J and 3**/C Series</u> 1 = 0.125" Dia. clearance hole with flush mounting 3 = 0.125" Dia. clearance hole with offset mounting 5 = 4 to 40 threaded insert with offset mounting 12 = No mounting flange <u>2**/A Dual and single readout</u> 3 = 4 to 40 threaded inserts 5 = 0.128" Dia. clearance hole 8 = Floating bushing 12 = No mounting flange</p>							<p>1 = Diallyl phthalate 2 = Phenolic 3 = Glass-filled polyester</p> <p><u>EB4 Series</u> K = 0.025" sq. x 0.570" long K = 0.025" sq. x 0.625" long C = 0.025" sq. x 0.175" long</p> <p><u>EB6 Series</u> K = 0.025" sq. x 0.375" long K = 0.025" sq. x 0.125" long C = 0.025" sq. x 0.200" long</p> <p><u>EB7D Series</u> A = solder eyelet B = 0.380" long dip solder C = 0.132" long dip solder K = 0.195" long dip solder</p> <p><u>EB7S Series</u> B = 0.220" long dip solder A = solder eyelet</p> <p><u>EB4 and EB6</u> XF = 0.125" Dia. clearance hole with flush mounting Y = 4 to 40 threaded insert with offset mounting X = 4 to 40 threaded insert with offset mounting W = No mounting flange</p> <p><u>EB7D and EB7S Series</u> Y = 4 to 40 threaded inserts X = 0.128" Dia. clearance hole Z = Floating bushing W = No mounting flange</p>						

Notes

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Competitor Products Cross Reference



Vishay Dale

Edgeboard Connectors

SULLINS							VISHAY DALE						
1	2	3	4	5	6	7	1.3.5	6	4	2	7		
E	S	C	22	D	RM	H	EB4	3	-	K	22	GF	X
E	S	A	40	D	RS	D	EB6	3	-	C	40	GF	XF
E	M	M	18	D	RX	F	EB8	3	-	C	18	G	Z
E	M	M	10	S	SU	N	EB7	3S	-	B	10	G	W
E	S	M	36	D	RY	1	EB7	3D	-	B	36	GF	Y
<p>1. Phosphor bronze contact material</p> <p>3. Contact spacing</p> <p>5. Dual or single row</p> <p>**C*D = 0.100" C-C x 0.200" row spacing</p> <p>**A*D = 0.125" C-C x 0.250" row spacing</p> <p>**M*DRX and RU = 0.156" C-C x 0.200" row spacing</p> <p>**M*S = 0.156" C-C single readout</p> <p>**M*DRT and RY = 0.156" C-C x 0.140" row spacing</p> <p>2. Plating options:</p> <p>S = 10 μm Gold</p> <p>M = 30 μm Gold</p> <p>Z = 10 μm Gold on contact area only.</p> <p>4. Number of contact positions:</p> <p>E*C*D = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 49, 50, 55, 60, 61, 65, and 70</p> <p>E*A*D = 6, 10, 14, 15, 18, 22, 28, 30, 31, 32, 35, 36, 40, 44, 49, and 50</p> <p>E*M*DRX and RU = 6, 8, 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 36, 40 and 43</p> <p>E*M*S = 6, 8, 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 36, 40 and 43</p> <p>E*M*DRT and RY = 6, 8, 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 36, 40, and 43</p>							<p>All models - Phosphor bronze contact material</p> <p>EB4 = 0.100" C-C x 0.200" row spacing</p> <p>EB6 = 0.125" C-C x 0.250" row spacing</p> <p>EB8 = 0.156" C-C x 200" row spacing</p> <p>EB7S = 0.156" C-C single readout</p> <p>EB7D = 0.156" C-C x 140" row spacing</p> <p>GF = 10 μm Gold over Nickel</p> <p>G = 30 μm Gold over Nickel</p> <p>SGF = 10 μm Gold on contact area with Gold flash on terminals all over Nickel</p> <p>EB4 = 10, 12, 15, 18, 20, 22, 25, 28, 30, 31, 35, 36, 40, 43, 44, 48, 49, 50, and 60</p> <p>EB6 = 6, 10, 14, 15, 18, 22, 24, 25, 28, 30, 31, 32, 35, 36, 40, 43, 44, 49, and 50</p> <p>EB8 = 6, 10, 12, 15, 18, 22, 24, and 25</p> <p>EB7S = 6, 10, 12, 15, 18, and 22,</p> <p>EB7D = 6, 10, 12, 15, 18, 22, 36, and 43</p>						

SULLINS							VISHAY DALE						
1	2	3	4	5	6	7	1.3.5	6	4	2	7		
E	S	C	22	D	RM	H	EB4	3	-	K	22	GF	X
E	S	A	40	D	RS	D	EB6	3	-	C	40	GF	XF
E	M	M	18	D	RX	F	EB8	3	-	C	18	G	Z
E	M	M	10	S	SU	N	EB7	3S	-	B	10	G	W
E	S	M	36	D	RY	1	EB7	3D	-	B	36	GF	Y
<p>6. Terminal style:</p> <p><u>E*C*D and E*A*D</u></p> <p>RM = 0.025" sq. x 0.560" long</p> <p>RS = 0.025" sq. x 0.190" long</p> <p><u>E*M*D</u></p> <p>RX = 0.137" long dip solder</p> <p>RU = 0.225" long dip solder</p> <p>RE = solder eyelet</p> <p><u>E*M*S</u></p> <p>SU = 0.210" long dip solder</p> <p>RE = Solder eyelet</p> <p><u>E*M*D</u></p> <p>RT = 0.137" long dip solder</p> <p>RY = 0.381" long dip solder</p> <p>RE = Solder eyelet</p> <p>7. Mounting style:</p> <p><u>E*C*D and E*A*D</u></p> <p>H = 0.125" Dia. clearance hole</p> <p>I = 4 to 40 threaded insert</p> <p>N = No mounting ears</p> <p>D = Floating bushing</p> <p><u>E*M*D and E*M*S</u></p> <p>H = 0.125" Dia. clearance hole</p> <p>I = 4 to 40 threaded insert</p> <p>N = No mounting ears</p> <p>F = Floating bushing</p>							<p><u>EB4 and EB8</u></p> <p>K = 0.025" sq. x 0.570" long</p> <p>C = 0.025" sq. x 0.175" long</p> <p><u>EB8</u></p> <p>C = 0.125" long dip solder</p> <p>K = 0.200" long dip solder</p> <p>A = Solder eyelet</p> <p><u>EB7S</u></p> <p>B = 0.220" long dip solder</p> <p>A = Solder eyelet</p> <p><u>EB7D</u></p> <p>C = 0.125" long dip solder</p> <p>B = 0.375" long dip solder</p> <p>A = Solder eyelet</p> <p><u>EB4 and EB6</u></p> <p>X = 0.125" Dia. clearance hole</p> <p>Y = 4 to 40 threaded insert</p> <p>W = No mounting ears</p> <p>XF = 0.125" Dia. clearance hole with flush mounting</p> <p><u>EB8, EB7D and EB7S</u></p> <p>X = 0.128" Dia. clearance hole</p> <p>Y = 4 to 40 threaded insert</p> <p>W = No mounting ears</p> <p>Z = Floating bushing</p>						

Notes

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Competitor Products Cross Reference

Edgeboard Connectors

Vishay Dale

CINCH	VISHAY DALE
	1 1 4 2 5 3
	EB4 3 - K 25 SGF XF EB4 1 - D 22 SGF W EB8 3 - BE 18 GF X EB8 1 - A 6 SGF X EB7 3S - B 10 SGF X EB7 1D - C 15 SGF W
1. Product series:	EB4 = 0.100" C-C x 0.200" row spacing . 3 = Glass-filled polyester EB4 = 0.100" C-C x 0.200" row spacing. 1 = Diallyl phthalate EB8 = 0.156" C-C x 0.200" row spacing 3 = Glass-filled polyester EB8 = 0.156" C-C x 0.200" row spacing 1 = Diallyl phthalate EB7*S = 0.156" C-C Single readout 3 = Glass-filled polyester EB7*D = 0.156" C-C x 0.140" row spacing 1 = Diallyl phthalate
2. Number of contact positions:	EB43 = 12, 15, 18, 20, 22, 25, 28, 30, 31, 36, 40, 43, 44, 49, 50, and 60 EB41 = 15, 22, 36, 40, 43, and 50 EB83 = 6, 10, 12, 15, 18, 22, 24, and 25 EB81 = 6, 12, 15, 18, 20, 22, and 25 EB7*S = 6, 10, 12, 15, 18, and 22 EB7*D = 6, 10, 12, 15, 18, and 22

CINCH	VISHAY DALE
	1 1 4 2 5 3
	EB4 3 - K 25 SGF XF EB4 1 - D 22 SGF W EB8 3 - BE 18 GF X EB8 1 - A 6 SGF X EB7 3S - B 10 SGF X EB7 1D - C 15 SGF W
3. Mounting style:	<u>EB4</u> XF = 0.125" dia. clearance hole with flush mounting YF = 4 to 40 threaded insert with flush mounting X = 0.125" dia. clearance hole with offset mounting W = No mounting ears <u>EB8</u> X = 0.125" dia. clearance hole with offset mounting Y = No mounting ears <u>EB7</u> X = 0.125" dia. clearance hole with offset mounting W = No mounting ears
4. Terminal style:	<u>EB4</u> C = 0.025" sq. x 0.175" long dip solder D = 0.025" sq. x 0.115" long dip solder K = 0.025" sq. x 0.570" long dip solder wire wrap <u>EB7</u> C = 0.025" sq. x 0.175" long dip solder B = 0.375" long dip solder A = Solder eyelet <u>EB8</u> K = 0.200" long dip solder A = Solder eyelet BE = 0.375" long dip solder, card extender L = 0.156" long dip solder
5. Plating options:	SGF = 10 μ" Gold over Nickel in contact area with Gold flash on terminal GF = 30 μ" Gold over Nickel

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Competitor Products Cross Reference



Vishay Dale

Edgeboard Connectors

CINCH/VISHAY DALE PART NUMBER X-REF	
CINCH	VISHAY DALE
50-12SN-11	EB43-C12SGFXF
50-15SN-11	EB43-C15SGFXF
50-18SN-11	EB43-C18SGFXF
50-20SN-11	EB43-C20SGFXF
50-22SN-11	EB43-C22SGFXF
50-25SN-11	EB43-C25SGFXF
50-28SN-11	EB43-C28SGFXF
50-30SN-11	EB43-C30SGFXF
50-31SN-11	EB43-C31SGFXF
50-36SN-11	EB43-C36SGFXF
50-40SN-11	EB43-C40SGFXF
50-43SN-11	EB43-C43SGFXF
50-44SN-11	EB43-C44SGFXF
50-49SN-11	EB43-C49SGFXF
50-50SN-11	EB43-C50SGFXF
50-60SN-11	EB43-C60SGFXF
Contact material: Spring brass	Phosphor bronze
Terminal plating: Tin	Gold
Terminal dimension: 0.031 x 0.010, 0.025 Square	
50-12SN-12	EB43-C12SGFW
50-15SN-12	EB43-C15SGFW
50-18SN-12	EB43-C18SGFW
50-20SN-12	EB43-C20SGFW
50-22SN-12	EB43-C22SGFW
50-25SN-12	EB43-C25SGFW
50-28SN-12	EB43-C28SGFW
50-30SN-12	EB43-C30SGFW
50-31SN-12	EB43-C31SGFW
50-36SN-12	EB43-C36SGFW
50-40SN-12	EB43-C40SGFW
50-43SN-12	EB43-C43SGFW
50-44SN-12	EB43-C44SGFW
50-49SN-12	EB43-C49SGFW
50-50SN-12	EB43-C50SGFW
50-60SN-12	EB43-C60SGFW
50-12SN-13	EB43-C12SGFYF
50-15SN-13	EB43-C15SGFYF
50-18SN-13	EB43-C18SGFYF
50-20SN-13	EB43-C20SGFYF
50-22SN-13	EB43-C22SGFYF
50-25SN-13	EB43-C25SGFYF
50-28SN-13	EB43-C28SGFYF
50-30SN-13	EB43-C30SGFYF
50-31SN-13	EB43-C31SGFYF
50-36SN-13	EB43-C36SGFYF
50-40SN-13	EB43-C40SGFYF
50-43SN-13	EB43-C43SGFYF
50-44SN-13	EB43-C44SGFYF
50-49SN-13	EB43-C49SGFYF
50-50SN-13	EB43-C50SGFYF
50-60SN-13	EB43-C60SGFYF
50-30C-20-1	EB41-D15SGFW
50-44C-20-1	EB41-D22SGFW
50-72C-20-1	EB41-D36SGFW
50-80C-20-1	EB41-D40SGFW
50-86C-20-1	EB41-D43SGFW
50-100C-20-1	EB41-D50SGFW
50-30C-30-1	EB41-K15SGFX

CINCH/VISHAY DALE PART NUMBER X-REF	
CINCH	VISHAY DALE
50-44C-30-1	EB41-K22SGFX
50-72C-30-1	EB41-K36SGFX
50-80C-30-1	EB41-K40SGFX
50-86C-30-1	EB41-K43SGFX
50-100C-30-1	EB41-K50SGFX
Contact material: Alloy 688 Brass	Phosphor bronze
50-12SN-1	EB83-K6SGFX
50-20SN-1	EB83-K10SGFX
50-24SN-1	EB83-K12SGFX
50-30SN-1	EB83-K15SGFX
50-36SN-1	EB83-K18SGFX
50-44SN-1	EB83-K22SGFX
50-48SN-1	EB83-K24SGFX
50-50SN-1	EB83-K25SGFX
50-12SN-3	EB83-K6SGFW
50-20SN-3	EB83-K10SGFW
50-24SN-3	EB83-K12SGFW
50-30SN-3	EB83-K15SGFW
50-36SN-3	EB83-K18SGFW
50-44SN-3	EB83-K22SGFW
50-48SN-3	EB83-K24SGFW
50-50SN-3	EB83-K25SGFW
Contact material: Spring brass	Phosphor bronze
Terminal plating: Tin	Gold
Terminal length: 0.156	0.200
50-12SN-2	EB73D-C6SGFX
50-20SN-2	EB73D-C10SGFX
50-24SN-2	EB73D-C12SGFX
50-30SN-2	EB73D-C15SGFX
50-36SN-2	EB73D-C18SGFX
50-44SN-2	EB73D-C22SGFX
50-12SN-4	EB73D-C6SGFW
50-20SN-4	EB73D-C10SGFW
50-24SN-4	EB73D-C12SGFW
50-30SN-4	EB73D-C15SGFW
50-36SN-4	EB73D-C18SGFW
50-44SN-4	EB73D-C22SGFW
Contact material: Spring brass	Phosphor bronze
Terminal plating: Tin	Gold
Card insertion depth: 0.333	0.260
50-6SN-5	EB73S-B6SGFX
50-10SN-5	EB73S-B10SGFX
50-12SN-5	EB73S-B12SGFX
50-15SN-5	EB73S-B15SGFX
50-18SN-5	EB73S-B18SGFX
50-22SN-5	EB73S-B22SGFX
50-6SN-6	EB73S-B6SGFW
50-10SN-6	EB73S-B10SGFW
50-12SN-6	EB73S-B12SGFW
50-15SN-6	EB73S-B15SGFW
50-18SN-6	EB73S-B18SGFW
50-22SN-6	EB73S-B22SGFW
Contact material: Spring brass	Phosphor bronze
Terminal plating: Tin	Gold
Terminal length: 0.156	0.220
Card insertion depth: 0.333	0.300

Notes

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- See the explanation listed below the perspective models.



Competitor Products Cross Reference

Edgeboard Connectors

Vishay Dale

CINCH/VISHAY DALE PART NUMBER X-REF	
CINCH	VISHAY DALE
50-6SN-7	EB73S-A6SGFX
50-10SN-7	EB73S-A10SGFX
50-12SN-7	EB73S-A12SGFX
50-15SN-7	EB73S-A15SGFX
50-18SN-7	EB73S-A18SGFX
50-22SN-7	EB73S-A22SGFX
50-6SN-8	EB73S-A6SGFW
50-10SN-8	EB73S-A10SGFW
50-12SN-8	EB73S-A12SGFW
50-15SN-8	EB73S-A15SGFW
50-18SN-8	EB73S-A18SGFW
50-22SN-8	EB73S-A22SGFW
Contact material: Spring brass	Phosphor bronze
Terminal plating: Tin	Gold
Card insertion depth: 0.333	0.300
50-12SN-9	EB83-A6SGFX
50-20SN-9	EB83-A10SGFX
50-24SN-9	EB83-A12SGFX
50-30SN-9	EB83-A15SGFX
50-36SN-9	EB83-A18SGFX
50-44SN-9	EB83-A22SGFX
50-48SN-9	EB83-A24SGFX
50-50SN-9	EB83-A25SGFX
50-12SN-10	EB83-A6SGFW
50-20SN-10	EB83-A10SGFW
50-24SN-10	EB83-A12SGFW
50-30SN-10	EB83-A15SGFW
50-36SN-10	EB83-A18SGFW
50-44SN-10	EB83-A22SGFW
50-48SN-10	EB83-A24SGFW
50-50SN-10	EB83-A25SGFW
Contact material: Spring brass	Phosphor bronze
Terminal plating: Tin	Gold
50-12S-30-1	EB73D-C6SGFW
50-20S-30-1	EB73D-C10SGFW
50-24S-30-1	EB73D-C12SGFW
50-30S-30-1	EB73D-C15SGFW
50-36S-30-1	EB73D-C18SGFW
50-44S-30-1	EB73D-C22SGFW
50-12S-30-2	EB73D-C6SGFX
50-20S-30-2	EB73D-C10SGFX
50-24S-30-2	EB73D-C12SGFX
50-30S-30-2	EB73D-C15SGFX
50-36S-30-2	EB73D-C18SGFX
50-44S-30-2	EB73D-C22SGFX
Contact material: Spring brass	Phosphor bronze
Terminal plating: Tin	Gold
Card insertion depth: 0.333	0.260
50-12A-30	EB83-A6SGFX
50-20A-30	EB83-A10SGFX
50-24A-30	EB83-A12SGFX
50-30A-30	EB83-A15SGFX
50-36A-30	EB83-A18SGFX
50-44A-30	EB83-A22SGFX
50-50A-30	EB83-A25SGFX
Contact material: Spring brass	Phosphor bronze

CINCH/VISHAY DALE PART NUMBER X-REF	
CINCH	VISHAY DALE
50-12A-10	EB83-K6SGFX
50-10A-10	EB83-K10SGFX
50-24A-10	EB83-K12SGFX
50-30A-10	EB83-K15SGFX
50-36A-10	EB83-K18SGFX
50-44A-10	EB83-K22SGFX
50-50A-10	EB83-K25SGFX
Contact material: Spring brass	Phosphor bronze
Terminal length: 0.156	0.200
50-6A-20	EB73S-A6SGFX
50-10A-20	EB73S-A10SGFX
50-12A-20	EB73S-A12SGFX
50-15A-20	EB73S-A15SGFX
50-18A-20	EB73S-A18SGFX
50-22A-20	EB73S-A22SGFX
Contact material: Spring	Phosphor bronze
Card insertion depth: 0.333	0.300
50-6B-10	EB73S-B6SGFX
50-10B-10	EB73S-B10SGFX
50-12B-10	EB73S-B12SGFX
50-15B-10	EB73S-B15SGFX
50-18B-10	EB73S-B18SGFX
50-22B-10	EB73S-B22SGFX
Contact material: Spring	Phosphor bronze
Card insertion depth: 0.333	0.300
Terminal length: 0.156	0.220
50-12S-30	EB83-BE6GFX
50-20S-30	EB83-BE10GFX
50-24S-30	EB83-BE12GFX
50-30S-30	EB83-BE15GFX
50-36S-30	EB83-BE18GFX
50-44S-30	EB83-BE22GFX
50-50S-30	EB83-BE25GFX
50-12H-30-1	EB71D-C6SGFW
50-20H-30-1	EB71D-C10SGFW
50-24H-30-1	EB71D-C12SGFW
50-30H-30-1	EB71D-C15SGFW
50-36H-30-1	EB71D-C18SGFW
50-44H-30-1	EB71D-C22SGFW
50-12H-30-2	EB71D-C6SGFX
50-20H-30-2	EB71D-C10SGFX
50-24H-30-2	EB71D-C12SGFX
50-30H-30-2	EB71D-C15SGFX
50-36H-30-2	EB71D-C18SGFX
50-44H-30-2	EB71D-C22SGFX
Card insertion depth: 0.333	0.260
50-12S-20	EB81-K6SGFX
50-20S-20	EB81-K10SGFX
50-24S-20	EB81-K12SGFX
50-30S-20	EB81-K15SGFX
50-36S-20	EB81-K18SGFX
50-44S-20	EB81-K22SGFX
50-50S-20	EB81-K25SGFX
Terminal length: 0.234	0.200

Notes

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- See the explanation listed below the perspective models.

Competitor Products Cross Reference



Vishay Dale

Edgeboard Connectors

CINCH/VISHAY DALE PART NUMBER X-REF	
CINCH	VISHAY DALE
50-12H-10	EB81-L6SGFX
50-20H-10	EB81-L10SGFX
50-24H-10	EB81-L12SGFX
50-30H-10	EB81-L15SGFX
50-36H-10	EB81-L18SGFX
50-44H-10	EB81-L22SGFX
50-50H-10	EB81-L25SGFX
50-6H-20	EB71S-A6SGFX
50-10H-20	EB71S-A10SGFX
50-12H-20	EB71S-A12SGFX
50-15H-20	EB71S-A15SGFX
50-18H-20	EB71S-A18SGFX
50-22H-20	EB71S-A22SGFX
Card insertion depth: 0.333	0.300
50-12H-30	EB81-A6SGFX
50-20H-30	EB81-A10SGFX
50-24H-30	EB81-A12SGFX
50-30H-30	EB81-A15SGFX
50-36H-30	EB81-A18SGFX

CINCH/VISHAY DALE PART NUMBER X-REF	
CINCH	VISHAY DALE
50-44SH-30	EB81-A22SGFX
50-50SH-30	EB81-A25SGFX
50-6H-10	EB71S-B6SGFX
50-10H-10	EB71S-B10SGFX
50-12H-10	EB71S-B12SGFX
50-15H-10	EB71S-B15SGFX
50-18H-10	EB71S-B18SGFX
50-22H-10	EB71S-B22SGFX
Card insertion depth: 0.333	0.300
Terminal length: 0.156	0.220
50-6S-10	EB71S-B6SGFX
50-10S-10	EB71S-B10SGFX
50-12S-10	EB71S-B12SGFX
50-15S-10	EB71S-B15SGFX
50-18S-10	EB71S-B18SGFX
50-22S-10	EB71S-B22SGFX
Card insertion depth: 0.333	0.300
Terminal length: 0.234	0.220

Notes

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