

Rack and Panel Connectors Military, MIL-C-28748/7/8 Qualified Microminiature Rectangular with Optional Hoods



FEATURES

- Qualified to MIL-C-28748/7/8
- Solder cup contacts
- Fixed and turnable screwlocks
- Closed entry socket contacts
- Group A, B testing per MIL-C-28748

APPLICATIONS

Especially suited for use in airborne, instrumentation and portable equipment applications or wherever the following requirements must be met: Minimum space and weight without sacrifice of performance, high quality materials, long service life, high vibration and shock resistance and positive locking.

ELECTRICAL SPECIFICATIONS

Current Rating: Model MM22 = 5 A

Breakdown Voltage: At sea level: 2000 V_{RMS}

At 70 000 feet: 500 V_{RMS}

MATERIAL SPECIFICATIONS

Contact Pin: Phosphor bronze

Contact Socket: Phosphor bronze

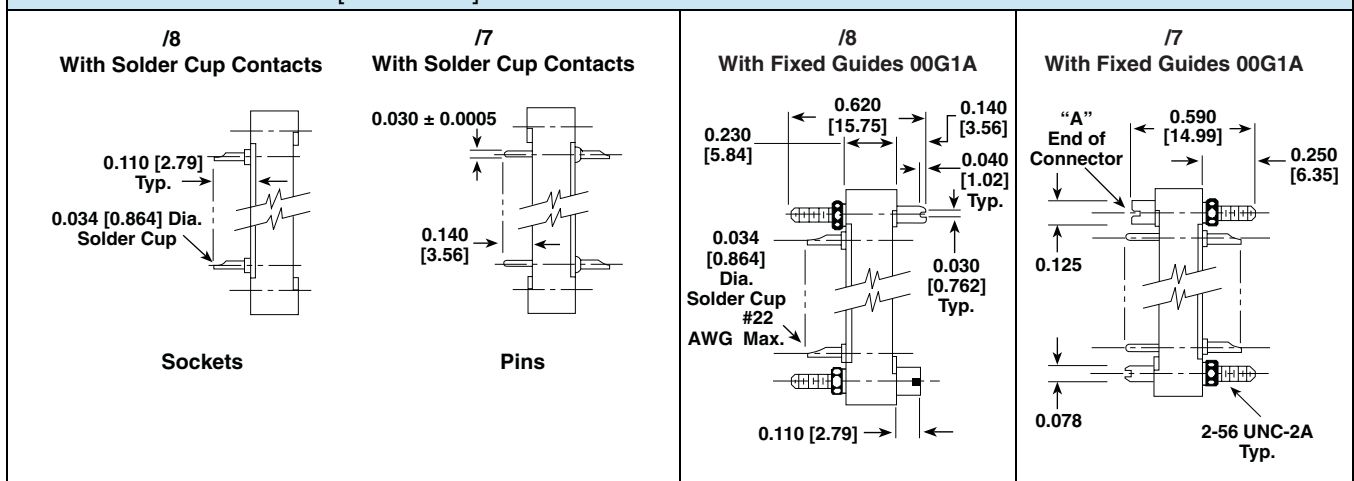
Contact Plating: Gold 50 micro-inches per ASTM B488

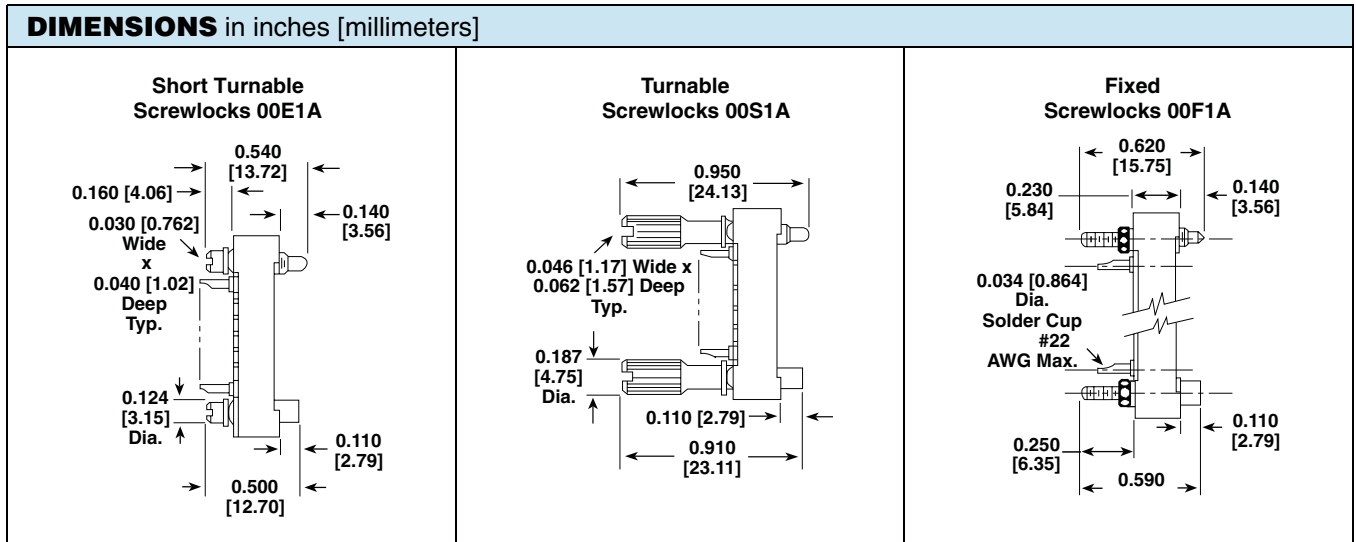
Screwlocks: Stainless steel, passivated

Guides: Stainless steel, passivated

Standard Body: Glass-filled diallyl phthalate per ASTM D5948, Model SDG-F, green

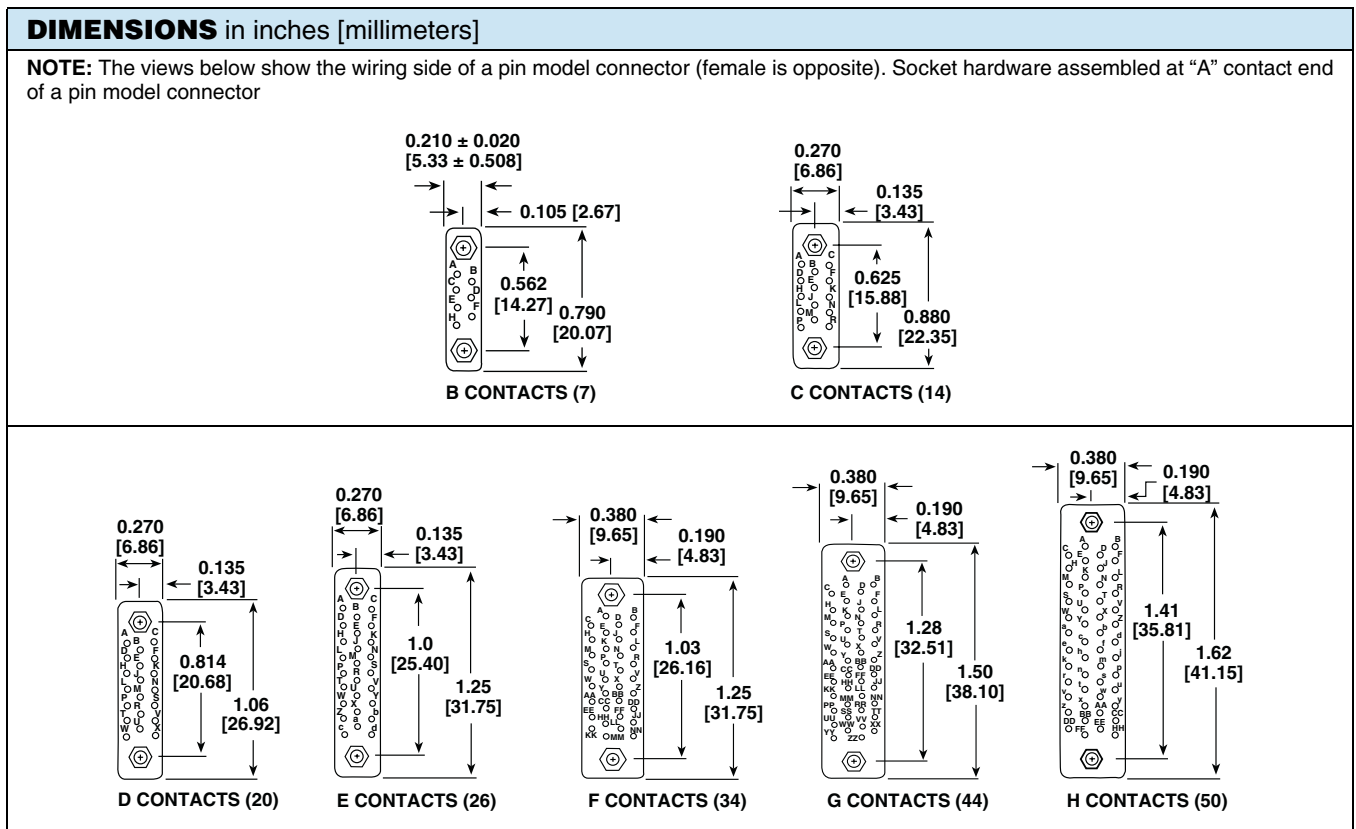
DIMENSIONS in inches [millimeters]





HARDWARE MATING CHART

HARDWARE MODEL	MATES WITH HARDWARE MODEL	NOTE:
00S1A	00F1A	Either /7 or /8 connectors may be ordered with any type of hardware shown EXAMPLE: /8 with 00F1A hardware would mate with an MMP with 00S1A or 00E1A hardware
00E1A	00F1A	



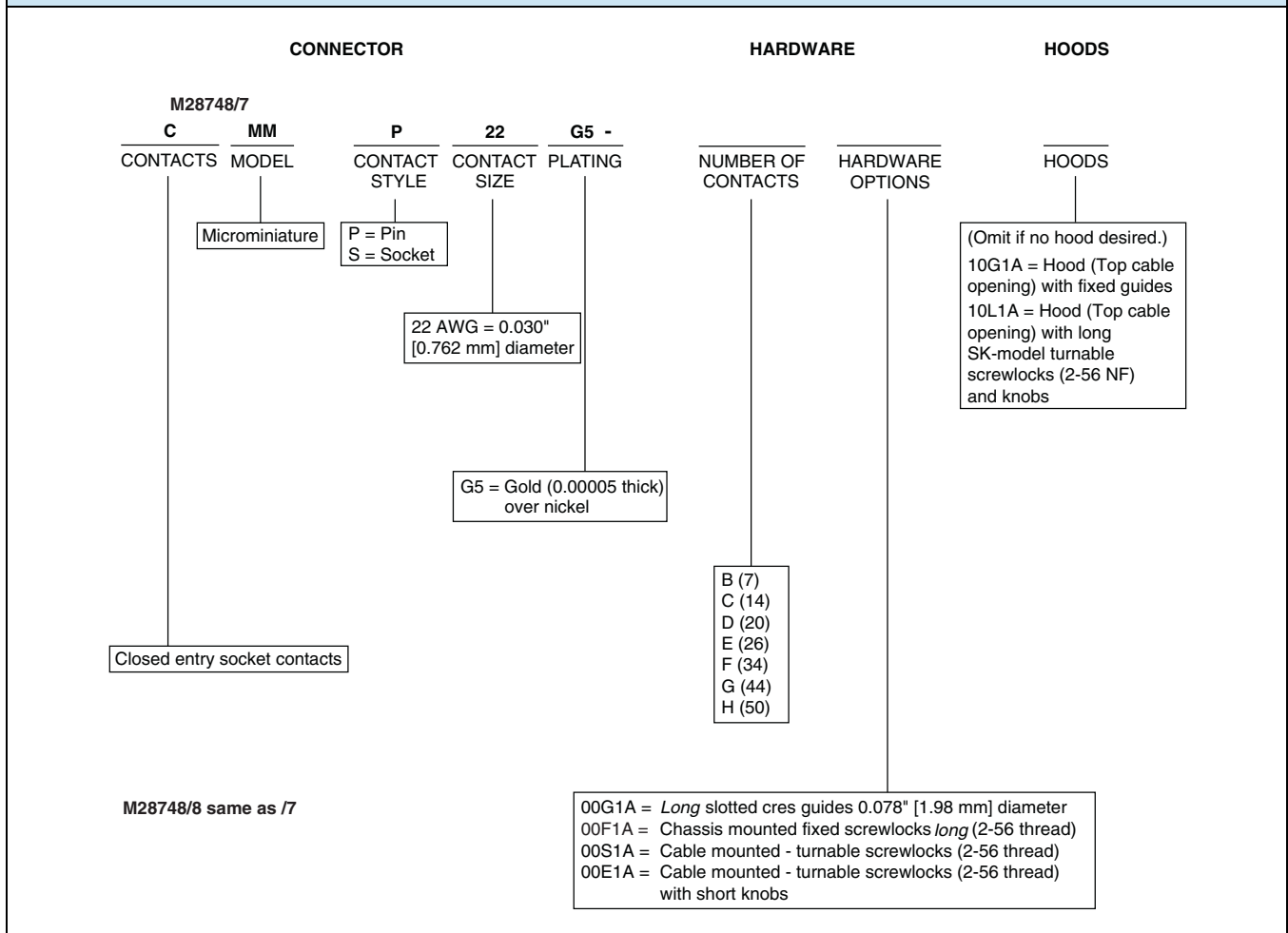
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Vishay Dale

PANEL CUTOUT in inches [millimeters]								
	NUMBER OF CONTACTS	A	B	C	NUMBER OF CONTACTS	A	B	C
	B (7)	0.210 [5.33]	0.562 [14.27]	0.440 [11.18]	F (34)	0.380 [9.65]	1.03 [26.16]	0.910 [23.11]
	C (14)	0.270 [6.86]	0.625 [15.88]	0.500 [12.70]	G (44)	0.380 [9.65]	1.28 [32.51]	1.16 [29.46]
	D (20)	0.270 [6.86]	0.814 [20.68]	0.690 [17.53]	H (50)	0.380 [9.65]	1.41 [35.81]	1.28 [32.51]
	E (26)	0.270 [6.86]	1.0 [25.40]	0.870 [22.10]				

HOOD VARIATIONS in inches [millimeters]					
<p>10G1A B CONTACTS (7)</p>	<p>C, D, E CONTACTS (14, 20, 26)</p>	<p>F, G, H CONTACTS (34, 44, 50)</p>			
<p>10L1A B CONTACTS (7)</p>	<p>C, D, E CONTACTS (14, 20, 26)</p>	<p>F, G, H CONTACTS (34, 44, 50)</p>			
NUMBER OF CONTACTS	± 0.016 [0.406]	± 0.030 [0.76]	C	± 0.016 [0.406]	"E" CABLE OPENING INCH ² [mm ²]
B (7)	0.780 [19.81]	0.650 [16.51]	0.562 [14.27]	0.440 [11.18]	0.037 [0.940]
C (14)	0.870 [22.10]	0.650 [16.51]	0.625 [15.88]	0.500 [12.70]	0.076 [1.930]
D (20)	1.06 [26.92]	0.650 [16.51]	0.814 [20.68]	0.620 [15.75]	0.105 [2.667]
E (26)	1.25 [31.75]	0.650 [16.51]	1.00 [25.40]	0.620 [15.75]	0.105 [2.667]
F (34)	1.25 [31.75]	0.650 [16.51]	1.03 [26.16]	0.500 [12.70]	0.160 [4.064]
G (44)	1.50 [38.10]	1.17 [29.72]	1.28 [32.51]	0.500 [12.70]	0.190 [4.826]
H (50)	1.62 [41.15]	1.17 [29.72]	1.41 [35.81]	0.620 [15.75]	0.202 [5.131]

ORDERING INFORMATION





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