

# CASE STYLES

## OUTLINE DIMENSIONS (inch/mm)

case no.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	wt. grams.	NOTES*
A01	.770 19.56	.800 20.32	.385 9.78	.400 10.16	.370 9.40	.400 10.16	.200 5.08	.20 5.08	.14 3.56	.031 .79									5.2	A1,B3,E1,B7
A03	.480 12.19	.500 12.70	.390 9.91	.405 10.29	.210 5.33	.230 5.84	.100 2.54	.20 5.08	.14 3.56	.020 .51									2.3	A1,B4,E1,B7
A04	.770 19.56	.800 20.32	.200 5.08	.210 5.33	.370 9.40	.400 10.16	.200 5.08	.20 5.08	.14 3.56	.031 .79									3.7	A1,B3,E1,B7
A05	.770 19.56	.800 20.32	.240 6.10	.250 6.35	.370 9.40	.400 10.16	.200 5.08	.20 5.08	.14 3.56	.031 .79									3.7	A1,B3,E1,B7
A06	.770 19.56	.800 20.32	.285 7.24	.310 7.87	.370 9.40	.400 10.16	.200 5.08	.20 5.08	.14 3.56	.031 .79									5.2	A1,B3,E1,B7
A11	.480 12.19	.500 12.70	.240 6.10	.255 6.48	.210 5.33	.230 5.84	.100 2.54	.20 5.08	.14 3.56	.020 .51									1.9	A1,B4,E1,B7
B02	.480 12.19	.500 12.70	.240 6.10	.255 6.48	.210 5.33	.230 5.84	.16 4.06	.100 2.54	.14 3.56	.020 .51									1.9	A1,B4,E1,B7
B13	.480 12.19	.500 12.70	.390 9.91	.405 10.29	.210 5.33	.230 5.84	.16 4.06	.100 2.54	.14 3.56	.020 .51									2.3	A1,B4,E1,B7
C07	.770 19.56	.810 20.57	.380 9.65	.410 10.41	.030 .76	.200 5.08	.20 5.08	.14 3.56											11.0	A1,E1,B7
C145	.770 19.56	.810 20.57	.380 9.65	.410 10.41	.030 .76	.200 5.08	.20 5.08	.14 3.56											11.0	A1,E1,B7
D08	1.000 25.40	1.025 26.04	.390 9.91	.430 10.92	.500 12.70	.525 13.34	.025 .64	.300 7.62	.200 5.08	.09 2.29	.13 3.30	.150 3.81	.20 5.08	.14 3.56					8.5	A1,E1,B7
D09	1.000 25.40	1.025 26.04	.240 6.10	.280 7.11	.500 12.70	.525 13.34	.025 .64	.300 7.62	.200 5.08	.09 2.29	.13 3.30	.150 3.81	.20 5.08	.14 3.56					7.5	A1,E1,B7
E10	1.580 40.13	1.620 41.15	.380 9.65	.410 10.41	.770 19.56	.810 20.57	.030 .76	.200 5.08	.10 2.54	.20 5.08	.14 3.56								23.0	A1,E1,B7
F14	2.00 50.80	2.00 50.80	.75 19.05	1.00 25.40	.25 6.35	1.500 38.10	.125 3.18	.39 9.91	1.00 25.40	.50 12.70	1.00 25.40								170.0	A10, C1,D2
F53	2.00 50.80	2.0 50.80	.75 19.05	1.00 25.40	.13 3.30	1.750 44.45	.125 3.18	.39 9.91	1.00 25.40	.50 12.70	1.00 25.40								170.0	A10, C1,D2
F183	1.26 32.00	1.00 25.40	.70 17.78	.200 5.08	.200 5.08	.860 21.84	.125 3.18	.35 8.89	.63 16.00	.38 9.65	.50 12.70								24	A4,B1,D17
G15	1.25 31.75	1.25 31.75	.75 19.05	.63 16.00	.38 9.65	.61 15.49	—	.80 20.32	.80 20.32	.76 19.30	.125 3.18	1.688 42.88	2.18 55.37	.75 19.05	.07 1.78				85.0	A10,A18,B1, D1,D7
G144	1.25 31.75	1.25 31.75	—	.63 16.00	.38 9.65	.61 15.49	—	—	—	.76 19.30	.125 3.18	1.688 42.88	2.18 55.37	.75 19.05	.07 1.78				85.0	A10,A18, B6,D6
H16	1.25 31.75	1.25 31.75	.75 19.05	.63 16.00	.38 9.65	1.000 25.40	.125 3.18	1.000 25.40	—	—	.125 3.18	1.688 42.88	2.18 55.37	.75 19.05	.07 1.78				70.00	A10,A18,B1, D2,D3,D4
J17	1.25 31.75	1.25 31.75	.75 19.05	.63 16.00	.38 9.65	1.000 25.40	.125 3.18	1.000 25.40	—	—	.125 3.18	1.688 42.88	2.18 55.37	.75 19.05	.07 1.78				75.0	A10,A18, B1,D2,D3
K18	1.25 31.75	1.25 31.75	.75 19.05	.63 16.00	.38 9.65	1.000 25.40	.125 3.18	1.000 25.40	—	—	.125 3.18	1.688 42.88	2.18 55.37	.75 19.05	.07 1.78				70.0	A10,A18,B1, C1,D2,D3
K558	1.25 31.75	1.25 31.75	.94 23.88	.63 16.00	.47 11.94	1.000 25.40	.125 3.18	1.000 25.40											117.0	A4,C1, D14
L19	1.50 38.10	1.13 28.70	1.00 25.40	.50 12.70	.155 3.94	2.345 59.56	.138 3.51	.987 25.07	2.50 63.50	.10 2.54	.31 7.87	1.19 30.23	—	.66 16.76	—	—	.150 3.81		37.0	A6,A11,A18, B2,D6
L20	2.25 57.15	1.38 35.05	1.24 31.50	.50 12.70	.150 3.81	3.100 78.74	.138 3.51	1.238 31.45	3.25 82.55	.10 2.54	.40 10.16	1.86 47.24	—	.64 16.26	—	—	.150 3.81		74.0	A6,A11,A18, B2,D5
M21	1.50 38.10	1.13 28.70	1.00 25.40	.50 12.70	.155 3.94	2.345 59.56	.138 3.51	.987 25.07	2.50 63.50	.10 2.54	.31 7.87	1.19 30.23	.66 16.76	—	—	.150 3.81			40.0	A6,A11,A18, B2,C1,D6
M22	2.25 57.15	1.38 35.05	1.24 31.50	.50 12.70	.150 3.81	3.100 78.74	.138 3.51	1.238 31.45	3.25 82.55	.10 2.54	.40 10.16	1.15 29.21	1.86 47.24	.64 16.26	—	—	.150 3.81		74.0	A6,A11,A18, B2,C1,D5

tolerance .x±.1 .xx±.03 .xxx±.015 inch

oz. = grams x.0353

\* NOTES:

A. MATERIAL AND FINISH

- A1. Header material: C.R.S. Pin material: #52 alloy. Finish: electro tin, hot-oil flowed. Cover material: cupro-nickel.
- A4. Case material: aluminum alloy. Finish: iridite per MIL-C-5541
- A6. Case material: aluminum alloy. Finish: blue paint over iridite.
- A10. Case material: aluminum alloy. Finish: grey paint or yellow iridite.
- A11. Case material: aluminum alloy. Finish: blue anodized.
- A18. Mounting bracket finish: iridite or clear anodize.

B. MOUNTING

- B1. Mounting bracket available on request. Add suffix B to part number.
- B2. Mounting bracket available on request. For bracket mounted on connector end add suffix B to part number and \$5.00 to unit cost. For bracket mounted on the rear, add suffix BR to part number and add \$1.50 to unit cost.
- B3. Insulated spacer available. Request P/N B14-045-01.
- B4. Insulated spacer available. Request P/N B-14-047-01.
- B6. Bracket version only.
- B7. Pin's meniscus (of header): 0.015" max.

C. MARKING

- C1. For port markings 1, 2, and 3 see specification data sheet.

D. CONNECTORS

- D1. Connectors: SMA Standard. BNC on request (no charge). Male SMA on request, consult factory.
- D2. Connectors: please specify, unless otherwise noted; BNC is standard, TNC, SMA and Type N, consult factory. (ZAPD -4 units not available with BNC).
- D3. For Bracket Version, Option B, this dimension, "C\*", changes from 0.75 to 0.94 inches when connectors are type N or TNC.
- D4. FTB Models available:
  - \*A15 female BNC/isolated female BNC.
  - \*C15 male BNC/isolated female BNC.
 FT Models available:
  - \*A16 female BNC/female BNC 75 ohms.
  - \*B16 female BNC/male BNC 75 ohms.
  - \*C16 male BNC/female BNC 75 ohms.
- D5. Connectors: BNC standard, TNC consult factory.
- D6. Connectors: Female SMA only. Male SMA available on request, consult factory.
- D7. For ZFSC-5 a fifth connector is offered as Port 5 in-line and opposite of sum(s) port.
- D14. Connectors: Male N, Female N standard.
- D17. Connectors: Female SMA only.

E. SPECIAL TOLERANCES

- E1. Pin diameter ±.005 inch.



Distribution Centers NORTH AMERICA 800-654-7949 • 417 335-5935 • Fax 417-335-5945 • EUROPE 44-1252-832600 • Fax 44-1252-837010

INTERNET <http://www.minicircuits.com>

P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661

ISO 9001 CERTIFIED

**OUTLINE DRAWINGS**

