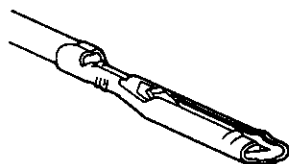


**Crimp, Snap-in Receptacle
Contacts**



Materials:

Contact — Phosphor bronze

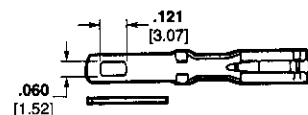
Finish — Selective gold plating in contact mating area over .000030 [0.00076] nickel, see table for gold thicknesses

AMP-BLADE Connector Snap-in Receptacle Contacts

Wire (Insulation) Ranges	Gold Plate Thickness	Side Feed Contact Part Number	
		Strip Form	Loose Piece*
24-20 AWG 0.2-0.5 mm ² (.040-.080) 1.02-2.03	.000030 0.00076	531586-3	531586-6
	.000050 0.00127	531586-4	—
28-24 AWG 0.09-0.2 mm ² (.030-.060) 0.76-1.52	.000030 0.00076	531587-3	531587-6
1: 18 AWG 0.8-0.9 mm ² or 2: 20 or 22 AWG 0.3-0.6 mm ² (.067-.090) 1.70-2.28	.000015 0.00038	—	—
	.000030 0.00076	531589-3	531589-6

*See page 6120 for crimping tool.

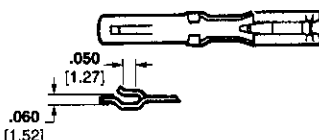
**Solder—Tab
Receptacle Contacts**



A

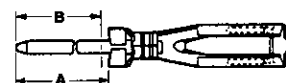
Materials:

Contact — Phosphor bronze



B

**Post-Type Receptacle
Contacts**



Materials:

Contact — Phosphor bronze

Finish — Selective gold plating in contact mating area over .000030 [0.00076] nickel, (see table for gold thicknesses); posts, tin plated

Wire Range		Insulation Range	Commercial Type		Military Type		
			End Feed Strip Part No.	Loose Piece Part No.	Military Part No.	End Feed Strip Part No.	Loose Piece Part No.
			.000030 [0.00076] Gold Over .000030 [0.00076] Nickel		.000050 [0.00127] Gold Over .000030 [0.00076] Nickel		
24-20	0.2-0.6	.040-.080 1.02-2.03	66005-2	66010-2	21097/16-03	66005-3	66010-3
28-24	0.08-0.2	.030-.060 0.76-1.52	—	66011-2	21097/16-01	66009-3	66011-3
(2)20 or (2)22	0.183 or 0.643	(2).045 to (2)1.14 (2).072 to (2)1.83	66021-2	66026-2	21097/16-04	66021-3	66026-3
18	0.8	.067-.090 1.70-2.29	66021-2	66026-2	21097/16-04	66021-3	66026-3
28-24	0.08-0.2	.078 1.98	66027-2	—	21097/16-02	66027-3	—

Type	Maximum Extension Beyond Back Face of Block	Part Numbers—Loose Piece
		Commercial Type Gold Plate Thickness .000030 [0.00076] over .000030 [0.00076] Nickel
A	.390 9.91	66086-2
B	.375 9.52	66086-4

Dimensions		Gold Plate Thickness	Part Numbers - Loose Piece	
A	B*		.031 x .062 [0.79 x .157] Posts	.045 x .045 [1.14 x 1.14] Posts
.410 10.41	.370 9.40	.000015 0.00038	582652-1	—
		.000030 0.00076	1-582261-1	1-582364-1
.640 16.26	.600 15.24	.000015 0.00038	582652-2	—
		.000030 0.00076	1-582261-2	1-582364-2
.810 20.57	.770 19.56	.000015 0.00038	582652-3	—
		.000030 0.00076	1-582261-3	1-582364-3
1.040 26.42	1.000 25.4	.000015 0.00038	582652-4	—
		.000030 0.00076	1-582261-4	1-582364-4

*Post length after inserted into housing.

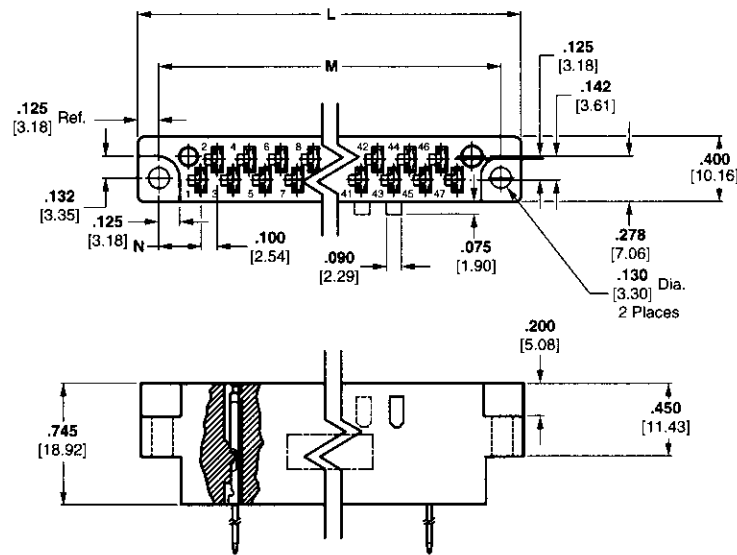
**Pre-loaded Assemblies
for Crimp Contacts,
TERMI-POINT Clip or
Wrap-Type Post Contacts,
Solder/Weld Contacts**

Materials:

Housing — Diallyl phthalate glass-
filled polyester, green

Contact — Phosphor bronze

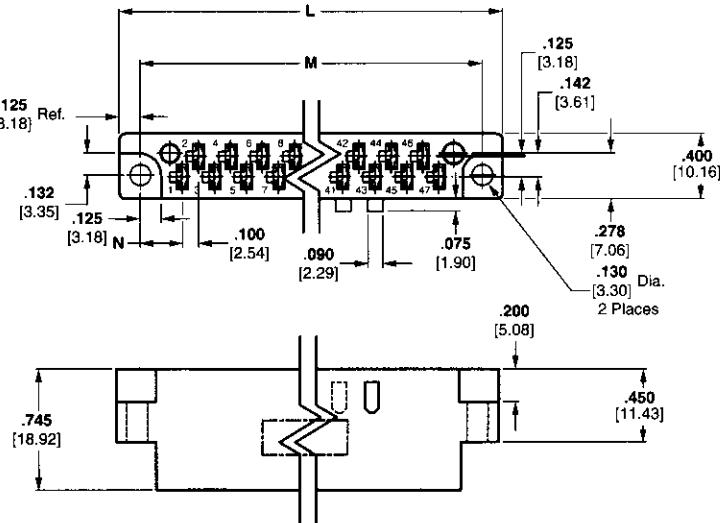
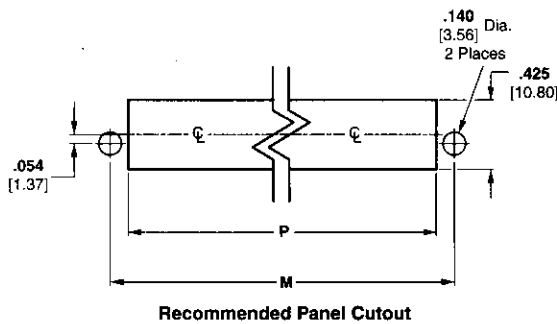
Posts — Brass, tin plated



Receptacle Housing

Material:

Diallyl phthalate



Printed Circuit Board Connectors

No. of Pos.	Post in.	Length mm	No. of Clip or Wrap Type Terminations	Dimensions			Cutout Dim. for Mounting P	Diallyl Phthalate			
				L	M	N		Preloaded Housing Part No.		Housings for Crimp or Eyelet Type Contact	
								.031 x .062 [0.79 x 1.57] Post Gold Plate Thickness .000030 [0.00076]	Commercial Type Part No.	Military Type CR-Receptacle	
										Military Part No.	Part No.
17	.370	9.40	1	2.390 60.71	2.130 54.10	.265 6.73	1.910 48.51	582828-4	3-582151-1	21097/13-01	5-582151-1
23	.770	19.65	3	2.990 75.95	2.730 69.34	.265 6.73	2.510 63.75	—	3-582151-2	21097/13-02	5-582151-2
29	1.000	25.40	4	3.590 91.19	3.330 84.58	.265 6.73	3.110 78.99	582830-1	3-582151-3	21097/13-03	5-582151-3
	.770	19.65	3					582830-2			
	.370	9.40	1					—			
35	1.000	25.40	4	4.190 106.43	3.930 99.82	.265 6.73	3.710 94.23	582831-1	3-582151-4	21097/13-04	5-582151-4
	.770	19.65	3					—			
	.600	15.24	2					—			
	.370	9.40	1					582831-4			
41	.770	19.65	3	4.790 121.67	4.530 115.06	.265 6.73	4.310 109.47	—	3-582151-5	21097/13-05	5-582151-5
	.600	15.24	2					—			
	.370	9.40	1					582832-4			
47	1.000	25.40	4	5.623 142.82	5.363 136.22	.381 9.68	5.143 130.63	582819-1	3-582307-1	21097/13-06	5-582307-1
	.770	19.65	3					582819-2			
	.600	15.24	2					—			
	.370	9.40	1					—			