



Material and Finish

Housing — Thermoplastic (Beige),
94V-0 Rated

Contacts — Copper alloy, duplex
plated 0.00076 [.000030] gold in
contact area, 0.00013 [.000005] gold in
solder area, with entire contact
underplated 0.00127 [.000050] nickel

Boardlocks — Copper alloy, pre-
plated 0.0038 [.000150] bright tin-lead,
underplated 0.00127 [.000050] nickel.

Related Product Data

Mateable Plug Housings — page 7

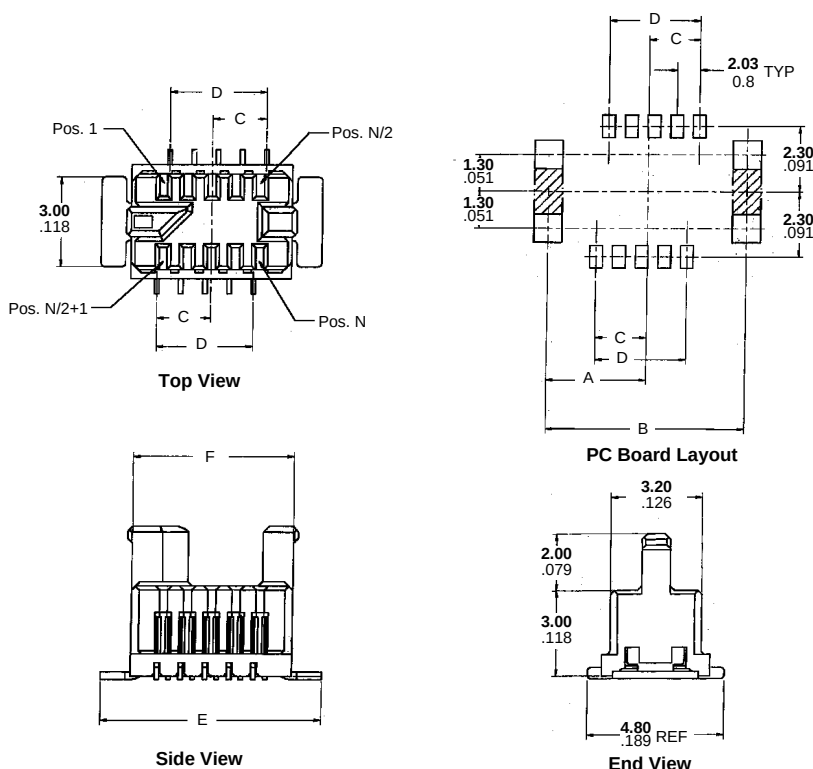
Technical Documents:

Product Specification

108-1955

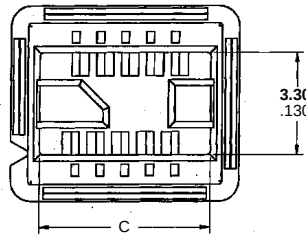
Application Specification

114-13051

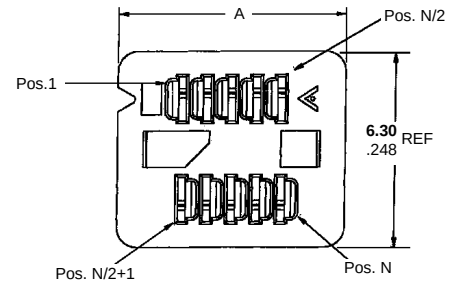


No. of Positions	Dimensions						Part Number
	A	B	C	D	E	F	
4	2.31 [.091]	4.62 [.182]	0.60 [.023]	0.80 [.031]	4.95 [.195]	2.94 [.116]	1445339-1
6	2.71 [.107]	5.42 [.213]	1.00 [.039]	1.60 [.063]	5.75 [.226]	3.74 [.147]	1375870-1
8	3.11 [.122]	6.22 [.245]	1.40 [.055]	2.40 [.094]	6.55 [.258]	4.54 [.179]	1375870-2
10	3.51 [.138]	7.02 [.276]	1.80 [.071]	3.20 [.126]	7.35 [.289]	5.34 [.210]	1375870-3
12	3.91 [.154]	7.82 [.308]	2.20 [.087]	4.00 [.157]	8.15 [.321]	6.14 [.242]	1375870-4
14	4.31 [.170]	8.62 [.339]	2.60 [.102]	4.80 [.189]	8.95 [.352]	6.94 [.273]	1375870-5
16	4.71 [.185]	9.42 [.371]	3.00 [.118]	5.60 [.220]	9.75 [.384]	7.74 [.305]	1375870-6
18	5.11 [.201]	10.22 [.402]	3.40 [.134]	6.40 [.252]	10.55 [.415]	8.54 [.336]	1375870-7
20	5.51 [.217]	11.02 [.434]	3.80 [.150]	7.20 [.283]	11.35 [.447]	9.34 [.368]	1375870-8
22	5.91 [.233]	11.82 [.465]	4.20 [.165]	8.00 [.315]	12.15 [.478]	10.14 [.399]	1375870-9
24	6.31 [.248]	12.62 [.497]	4.60 [.181]	8.80 [.346]	12.95 [.510]	10.94 [.431]	1-1375870-0
26	6.71 [.264]	13.42 [.528]	5.00 [.197]	9.60 [.378]	13.75 [.541]	11.74 [.462]	1-1375870-1
28	7.11 [.280]	14.22 [.560]	5.40 [.213]	10.40 [.409]	14.55 [.573]	12.54 [.494]	1-1375870-2
30	7.51 [.296]	15.02 [.591]	5.80 [.228]	11.20 [.441]	15.35 [.604]	13.34 [.525]	1-1375870-3
32	7.91 [.311]	15.82 [.623]	6.20 [.244]	12.00 [.472]	16.15 [.636]	14.14 [.557]	1-1375870-4
34	8.31 [.327]	16.62 [.654]	6.60 [.260]	12.80 [.504]	16.95 [.667]	14.94 [.588]	1-1375870-5
36	8.71 [.343]	17.42 [.686]	7.00 [.276]	13.60 [.535]	17.75 [.699]	15.74 [.620]	1-1375870-6
38	9.11 [.359]	18.22 [.717]	7.40 [.291]	14.40 [.567]	18.55 [.730]	16.54 [.651]	1-1375870-7
40	9.51 [.374]	19.02 [.749]	7.80 [.307]	15.20 [.598]	19.35 [.762]	17.34 [.683]	1-1375870-8

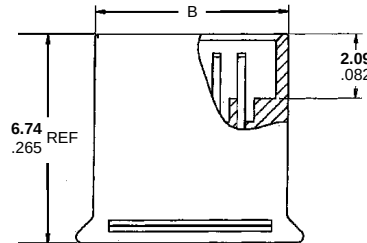
Plug Housing



Top View



Bottom View



Side View

Material and Finish

Housing — Thermoplastic (beige),
94V-0 rated

Related Product Data — Contacts
used with - pg. 9

Hermaphroditic Strain Relief used with -
pg. 9

Mateable Receptacles — page 6,8

Related Product Data

Application Tooling — page 10

Technical Documents:

Product Specification

108-1955

Application Specification

114-13051

No. of Positions	Dimensions			Part Number
	A	B	C	
4	4.95 [.195]	3.85 [.152]	3.10 [.122]	1445340-1
6	5.75 [.226]	4.65 [.183]	3.90 [.154]	1375875-1
8	6.55 [.258]	5.45 [.215]	4.70 [.185]	1375875-2
10	7.35 [.289]	6.25 [.246]	5.50 [.217]	1375875-3
12	8.15 [.321]	7.05 [.278]	6.30 [.248]	1375875-4
14	8.95 [.352]	7.85 [.309]	7.10 [.280]	1375875-5
16	9.75 [.384]	8.65 [.341]	7.90 [.311]	1375875-6
18	10.55 [.415]	9.45 [.372]	8.70 [.343]	1375875-7
20	11.35 [.447]	10.25 [.404]	9.50 [.374]	1375875-8
22	12.15 [.478]	11.05 [.435]	10.30 [.406]	1375875-9
24	12.95 [.510]	11.85 [.467]	11.10 [.437]	1-1375875-0
26	13.75 [.541]	12.65 [.498]	11.90 [.469]	1-1375875-1
28	14.55 [.573]	13.45 [.530]	12.70 [.500]	1-1375875-2
30	15.35 [.604]	14.25 [.561]	13.50 [.531]	1-1375875-3
32	16.15 [.636]	15.05 [.593]	14.30 [.563]	1-1375875-4
34	16.95 [.667]	15.85 [.624]	15.10 [.594]	1-1375875-5
36	17.75 [.699]	16.65 [.656]	15.90 [.626]	1-1375875-6
38	18.55 [.730]	17.45 [.687]	16.70 [.657]	1-1375875-7
40	19.35 [.762]	18.25 [.719]	17.50 [.689]	1-1375875-8

Receptacle Assembly, Right-Angle, Surface Mount



Material and Finish

Housing and Organizer —

Thermoplastic (beige), 94V-0 rated

Contacts — Copper alloy, duplex plated 0.00076 [.000030] gold in contact area, 0.00254 [.000100] matte tin lead in solder area, with entire contact underplated 0.00127 [.000050] nickel.

Boardlocks — Copper alloy, pre-plated 0.0038 [.000150] bright tin-lead, underplated 0.00127 [.000050] nickel.

Related Product Data

Mateable Plug Housings — page 7

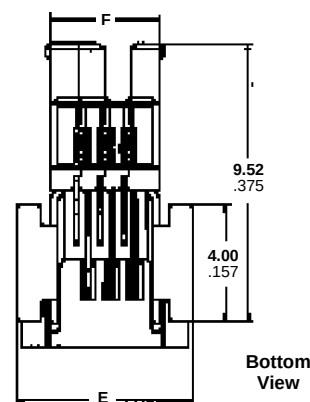
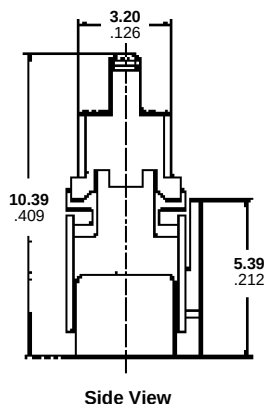
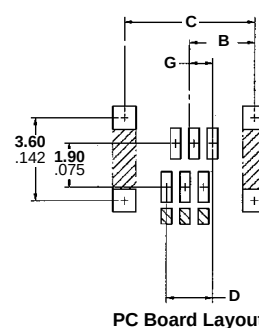
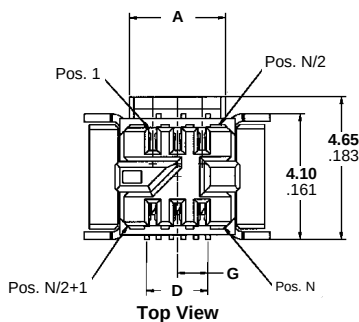
Technical Documents:

Product Specification

108-1955

Application Specification

114-13051



No. of Positions	Dimensions							Part Number
	A	B	C	D	E	F	G	
4	2.32 [.091]	2.41 [.095]	4.82 [.190]	1.20 [.047]	5.21 [.205]	2.94 [.116]	0.60 [.024]	1445940-1
6	3.12 [.123]	2.81 [.111]	5.62 [.221]	2.00 [.079]	6.01 [.237]	3.74 [.147]	1.00 [.039]	1445297-1
8	3.92 [.154]	3.21 [.126]	6.42 [.253]	2.80 [.110]	6.81 [.268]	4.54 [.179]	1.40 [.055]	1445297-2
10	4.72 [.186]	3.61 [.142]	7.22 [.284]	3.60 [.142]	7.61 [.300]	5.34 [.210]	1.80 [.071]	1445297-3
12	5.52 [.217]	4.01 [.158]	8.02 [.316]	4.40 [.173]	8.41 [.331]	6.14 [.242]	2.20 [.087]	1445297-4
14	6.32 [.249]	4.41 [.174]	8.82 [.347]	5.20 [.205]	9.21 [.363]	6.94 [.273]	2.60 [.102]	1445297-5
16	7.12 [.280]	4.81 [.189]	9.62 [.379]	6.00 [.236]	10.01 [.394]	7.74 [.305]	3.00 [.118]	1445297-6
18	7.92 [.312]	5.21 [.205]	10.42 [.410]	6.80 [.268]	10.81 [.426]	8.54 [.336]	3.40 [.134]	1445297-7
20	8.72 [.343]	5.61 [.221]	11.22 [.442]	7.60 [.299]	11.61 [.457]	9.34 [.368]	3.80 [.150]	1445297-8
22	9.52 [.375]	6.01 [.237]	12.02 [.473]	8.40 [.331]	12.41 [.489]	10.14 [.399]	4.20 [.165]	1445297-9
24	10.32 [.406]	6.41 [.252]	12.82 [.505]	9.20 [.362]	13.21 [.520]	10.94 [.431]	4.60 [.181]	1-1445297-0
26	11.12 [.438]	6.81 [.268]	13.62 [.536]	10.00 [.394]	14.01 [.552]	11.74 [.462]	5.00 [.197]	1-1445297-1
28	11.92 [.469]	7.21 [.284]	14.42 [.568]	10.80 [.425]	14.81 [.583]	12.54 [.494]	5.40 [.213]	1-1445297-2
30	12.72 [.501]	7.61 [.300]	15.22 [.599]	11.60 [.457]	15.61 [.615]	13.34 [.525]	5.80 [.228]	1-1445297-3
32	13.52 [.532]	8.01 [.315]	16.02 [.631]	12.40 [.488]	16.41 [.646]	14.14 [.557]	6.20 [.244]	1-1445297-4
34	14.32 [.564]	8.41 [.331]	16.82 [.662]	13.20 [.520]	17.21 [.678]	14.94 [.588]	6.60 [.260]	1-1445297-5
36	15.12 [.595]	8.81 [.347]	17.62 [.694]	14.00 [.551]	18.01 [.709]	15.74 [.620]	7.00 [.276]	1-1445297-6
38	15.92 [.627]	9.21 [.363]	18.42 [.725]	14.80 [.583]	18.81 [.741]	16.54 [.651]	7.40 [.291]	1-1445297-7
40	16.72 [.658]	9.61 [.378]	19.22 [.757]	15.60 [.614]	19.61 [.772]	17.34 [.683]	7.80 [.307]	1-1445297-8

Part Number 1375876-2



Material and Finish

Contacts—Copper alloy, duplex plated
0.00076 [.000030] gold in contact area,
0.00254 [.000100] bright tin-lead in crimp
area, with entire contact underplated
0.00127 [.000050] nickel

Related Product Data

Plug Housings used with — pg. 7

Related Product Data

Application Tooling — page 10

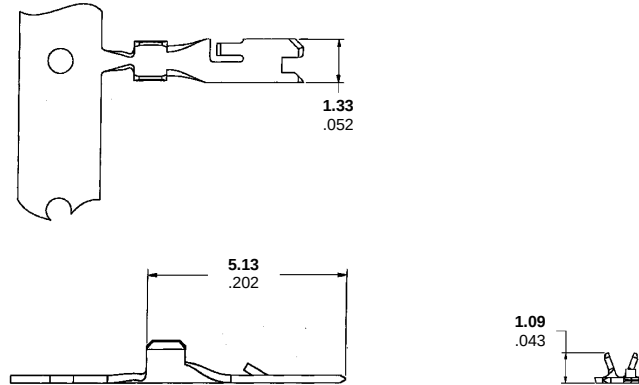
Technical Documents:

Product Specification

108-1955

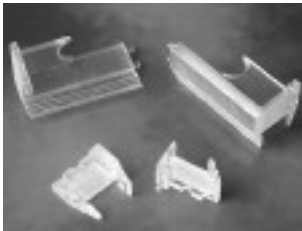
Application Specification

114-13051



Wire Size Range	Insulation Diameter (Max.)
30-28	0.60 [.024]

Hermaphroditic Strain Relief



Material and Finish

Housing—Thermoplastic (beige),
94V-0 rated

Related Product Data

Housings used with - pg. 7

Related Product Data

Application Tooling — page 10

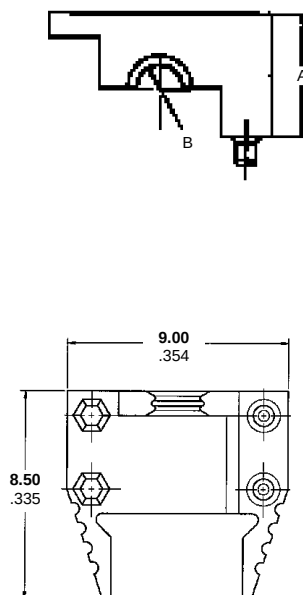
Technical Documents:

Product Specification

108-1955

Application Specification

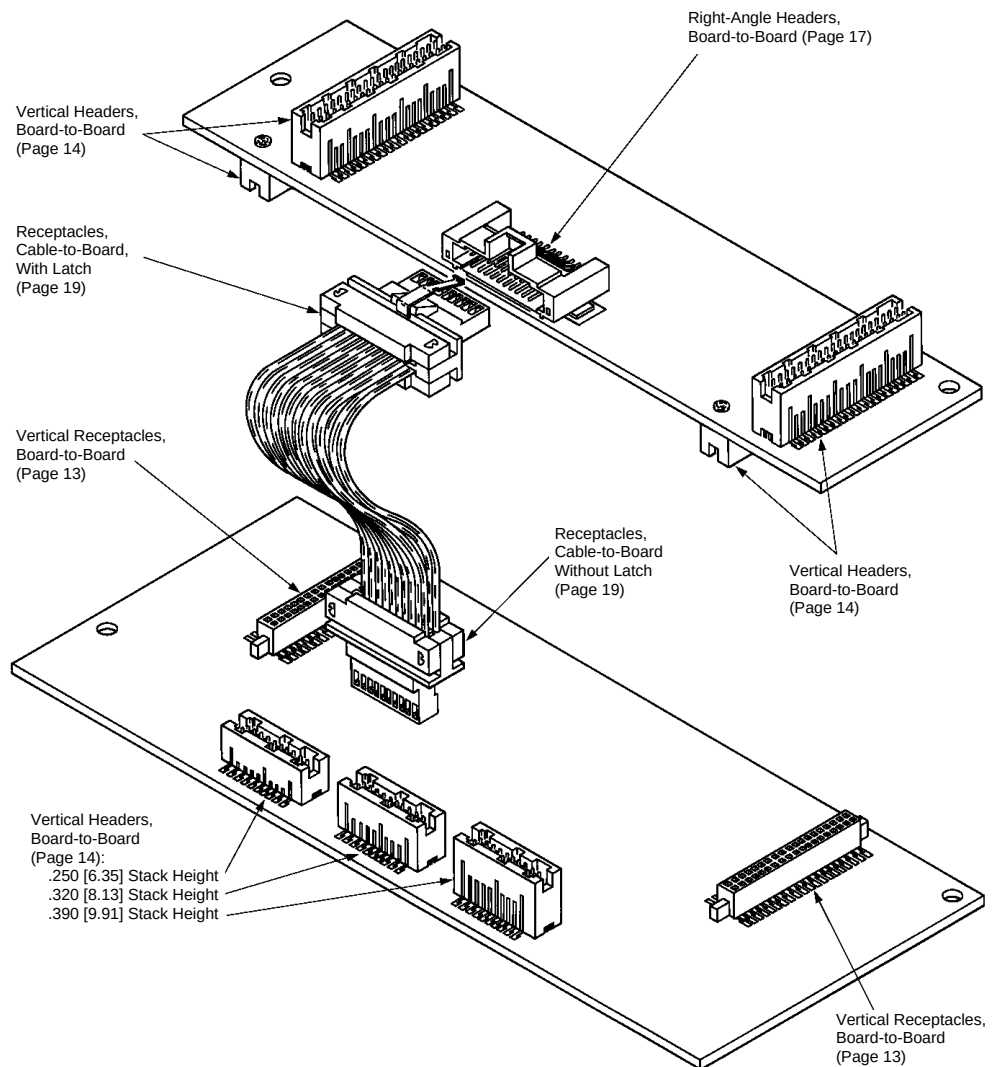
114-13051



No. of Positions	Dimensions		Part Number
	A	B	
4	2.60 [.102]	1.15 [.045]	1445976-1
6	3.40 [.134]	1.37 [.054]	1445976-2
8	4.20 [.165]	1.59 [.063]	1445976-3
10	5.00 [.197]	1.80 [.071]	1445976-4
12	5.80 [.228]	2.03 [.080]	1445976-5
14	6.60 [.260]	2.24 [.088]	1445976-6
16	7.40 [.291]	2.46 [.097]	1445976-7
18	8.20 [.323]	2.68 [.106]	1445976-8
20	9.00 [.354]	2.90 [.114]	1445976-9
22	9.80 [.386]	3.00 [.118]	1-1445976-0
24	10.60 [.417]	3.10 [.122]	1-1445976-1
26	11.40 [.449]	3.20 [.126]	1-1445976-2
28	12.20 [.480]	3.30 [.130]	1-1445976-3
30	13.00 [.512]	3.40 [.134]	1-1445976-4
32	13.80 [.543]	3.50 [.138]	1-1445976-5
34	14.60 [.575]	3.60 [.142]	1-1445976-6
36	15.40 [.606]	3.70 [.146]	1-1445976-7
38	16.20 [.638]	3.80 [.150]	1-1445976-8
40	17.00 [.669]	3.90 [.154]	1-1445976-9

Note: Two pieces required per
connector assembly.

AMPMODU 50/50 Grid Connector System



Produced under a Quality Management System certified to ISO 9001

A copy of the certificate is available upon request.

