

Material and Finish:
Shell — Steel, zinc plated

Insert — Approved material per MIL-DTL-24308

Retention Clips — Stainless steel

Related Product Data:
Cavity Identification — page 5101

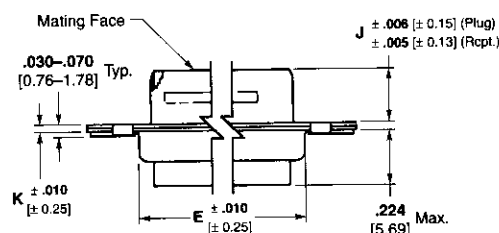
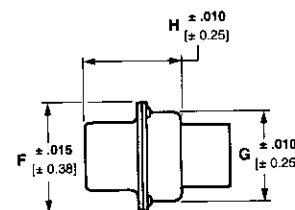
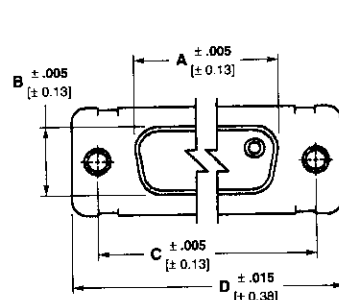
Contacts — pages 5102-5104

Mounting, Mating Specifications — page 5143

Accessories — pages 5148-5150

Attention: Connector marking

Connector marking may differ from package marking.

Note: Meets requirements of MIL-DTL-24308

Clinch Nut Mount
Series 109 Plugs

No. of Contact Pos. (Shell Size)	Dimensions										Standard Mount Part No.	Description
	A (Inside)	B (Inside)	C	D	E	F	G	H	J	K		
9 (1)	.666 16.92	.329 8.36	.984 24.99	1.213 30.81	.759 19.28	.494 12.55	.422 10.72	.422 10.72	.235 5.97	.030 0.76	1218748-1	Plug only
15 (2)	.994 25.25	.329 8.36	1.312 33.32	1.541 39.14	1.083 27.51	.494 12.55	.422 10.72	.422 10.72	.235 5.97	.030 0.76	1218748-2	Plug only
25 (3)	1.534 38.96	.329 8.36	1.852 47.04	2.088 53.04	1.625 41.3	.494 12.55	.422 10.72	.426 10.82	.230 5.84	.039 0.99	1218748-3	Plug only
37 (4)	2.182 55.42	.329 8.36	2.500 63.5	2.729 69.32	2.272 57.71	.494 12.55	.422 10.72	.426 10.82	.230 5.84	.039 0.99	1218748-4	Plug only
50 (5)	2.079 52.81	.441 11.2	2.406 61.11	2.635 66.93	2.178 55.32	.605 15.37	.534 13.56	.426 10.82	.230 5.84	.039 0.99	1218748-5	Plug. only

Clinch Nut Mount available, contact Tyco Electronics.

Series 109 Receptacles

No. of Contact Pos. (Shell Size)	Dimensions										Clinch Nut Mount Part No.	Description
	A (Inside)	B (Inside)	C	D	E	F	G	H	J	K		
9 (1)	.643 16.33	.311 7.9	.984 24.99	1.213 30.81	.759 19.28	.494 12.55	.422 10.72	.429 10.9	.243 6.17	.030 0.76	1218749-1	Recept. only
15 (2)	.971 24.66	.311 7.9	1.312 33.32	1.541 39.14	1.083 27.51	.494 12.55	.422 10.72	.429 10.9	.243 6.17	.030 0.76	1218749-2	Recept. only
25 (3)	1.511 38.38	.311 7.9	1.852 47.04	2.088 53.04	1.625 41.3	.494 12.55	.422 10.72	.429 10.9	.243 6.17	.039 0.99	1218749-3	Recept. only
37 (4)	2.159 54.84	.311 7.9	2.500 63.5	2.729 69.32	2.272 57.71	.494 12.55	.422 10.72	.429 10.9	.243 6.17	.039 0.99	1218749-4	Recept. only
50 (5)	2.064 52.43	.423 10.74	2.406 61.11	2.635 66.93	2.178 55.32	.605 15.37	.534 13.56	.429 10.9	.243 6.17	.039 0.99	1218749-5	Recept. only

Standard Mount available, contact Tyco Electronics.