

Crimp, Series 109, Standard Density Connectors (MIL Qualified)

Material and Finish:

Shell — Steel, cadmium plated

Insert — Approved material per MIL-DTL-24308

Retention Clips — Stainless steel

Related Product Data:

Cavity Identification — page 5101

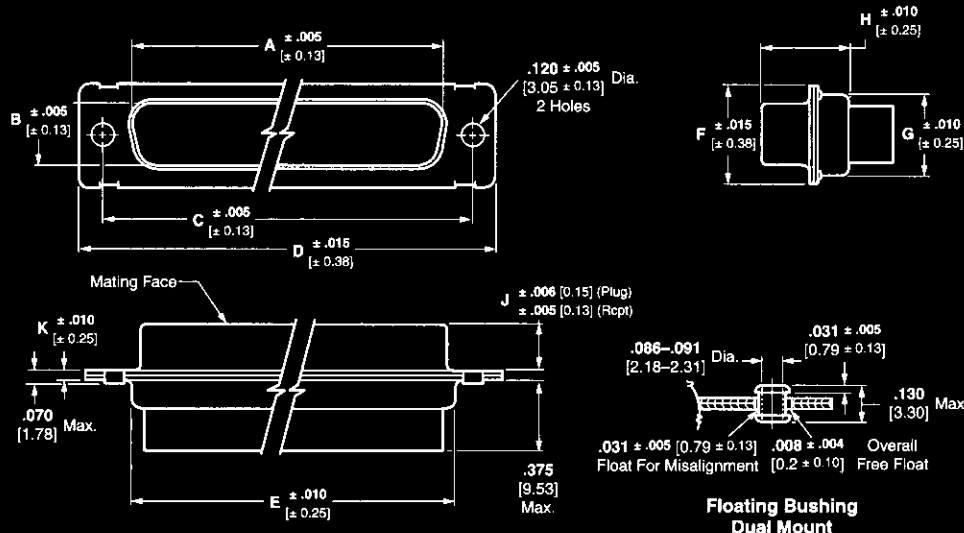
Contacts — pages 5102-5104

Mounting, Mating Specifications — page 5143

Accessories — pages 5148-5150

Attention: Connector marking

Connector marking may differ from package marking. All connectors marked per MIL-DTL-24308.



Series 109 Plugs per MIL-DTL-24308

No. of Contact Pos. (Shell Size)	Dimensions										Standard Mount		Floating Bushing Mount		Description
	A (Inside)	B (Inside)	C	D	E	F	G	H	J	K	Military Part No. M24308/	AMP Part No.	Military Part No. M24308/	AMP Part No.	
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	4-259F	205162-1	4-324F	205412-1	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	4-1F	205556-2	4-302F	205486-2	Plug with pins
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	4-260F	205164-1	4-325F	205408-1	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	4-2F	205558-2	4-303F	205409-2	Plug with pins
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	4-261F	205166-1	4-326F	205413-1	Plug only
											4-3F	205560-2	4-304F	205487-2	Plug with pins
											4-262F	205168-1	4-327F	205414-1	Plug only
											4-4F	205562-2	4-305F	205488-2	Plug with pins
											4-263F	205170-1	4-328F	205415-1	Plug only
											4-5F	205564-2	4-306F	205431-2	Plug with pins

Series 109 Receptacles per MIL-DTL-24308

No. of Contact Pos. (Shell Size)	Dimensions										Standard Mount		Floating Bushing Mount		Description
	A (Outside)	B (Outside)	C	D	E	F	G	H	J	K	Military Part No. M24308/	AMP Part No.	Military Part No. M24308/	AMP Part No.	
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	2-281F	205161-1	2-292F	205416-1	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	2-1F	205555-2	2-23F	205483-2	Recept. with sockets
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	2-282F	205163-1	2-293F	205417-1	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	2-2F	205557-2	2-24F	205433-2	Recept. with sockets
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	2-283F	205165-1	2-294F	205418-1	Recept. only
											2-3F	205559-2	2-25F	205484-2	Recept. with sockets
											2-284F	205167-1	2-295F	205419-1	Recept. only
											2-4F	205561-2	2-26F	205485-2	Recept. with sockets
											2-285F	205169-1	2-296F	205420-1	Recept. only
											2-5F	205563-2	2-27F	205432-2	Recept. with sockets

- Notes:** 1. Size 20 contacts supplied with connectors are loose piece.
2. "F" is stamped on connectors following M24308 Part Number as required. "F" designates cadmium shell plating.
3. See pages 5151 through 5155 (Military to AMP Part Number cross reference) for additional part numbers.)

Pin and Socket Connectors