

Connector Material and Finish

Shell — Brass, gold plated
Insert — Approved material per MIL-DTL-24308

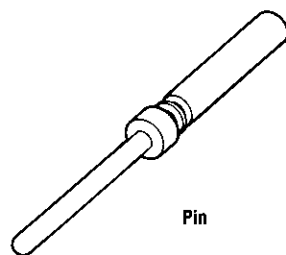
Retention Clips — Copper alloy

Related Product Data

Cavity Identification — page 5127

Mounting, Mating Specifications — page 5143

Accessories — pages 5148-5150



Pin

Wire Size Range	AMP Part No. / NASA No.
22-28 0.4-0.08	204370-8 G-08-P1
26-28 0.15-0.08	206495-3

Max. insulation diameter .054 [1.38]

Hand tool AMP Part Number 601966-1 or MIL Part Number M22520/2-01

Positioner AMP Part Number 601966-6 or MIL Part Number M22520/2-09

Contact Material and Finish

Copper alloy, .000050-.000100
 [0.00127-.00254] thick gold plate over
 .000100-.000150 [0.00254-.00381]
 thick copper underplate



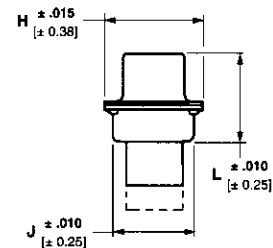
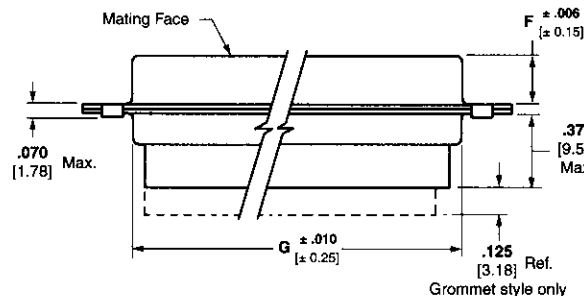
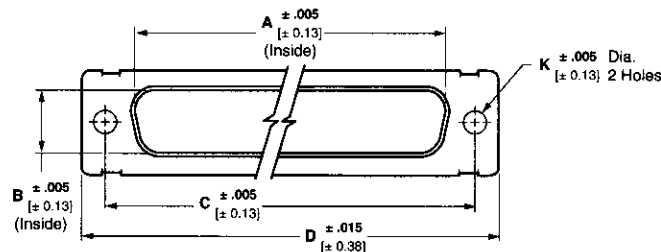
Pin and Socket
Insertion/Extraction Tool

AMP Part Number 91067-1 or MIL Part Number M81969/1-04

Insertion tip, for replacement
 Part Number 126237-1

Extraction tip, for replacement
 Part Number 126195-2

Non-Magnetic Crimp Plugs, Series 90, High Density Connectors (NASA Qualified)



Non-Magnetic Plugs per NASA Specification

No. of Contact Pos. (Shell Size)	Dimensions										NASA No.	AMP Part No.
	A	B	C	D	F	G	H	J	L	K		
15 (1)	.666 16.92	.329 8.36	.984 24.99	1.213 30.81	.235 5.97	.759 19.28	.494 12.55	.422 10.72	.422 10.72	.154 3.91 .120 3.05	311P407-1P-B-15	206498-1
											311P407-1P-B-12	206498-4
26 (2)	.994 25.25	.329 8.36	1.312 33.32	1.541 39.14	.235 5.97	1.083 27.51	.494 12.55	.422 10.72	.422 10.72	.154 3.91 .120 3.05	311P407-2P-B-15	206500-1
											311P407-2P-B-12	206500-4
44 (3)	1.534 38.96	.329 8.36	1.852 47.04	2.088 53.04	.230 5.84	1.625 41.3	.494 12.55	.422 10.72	.426 10.82	.154 3.91 .120 3.05	311P407-3P-B-15	206063-2
											311P407-3P-B-12	206063-4
62 (4)	2.182 55.42	.329 8.36	2.500 63.5	2.729 69.32	.230 5.84	2.272 57.7	.494 12.55	.422 10.72	.426 10.82	.154 3.91 .120 3.05	311P407-4P-B-15	206502-1
											311P407-4P-B-12	206502-4
78 (5)	2.079 52.81	.441 11.20	2.406 61.11	2.635 66.93	.230 5.84	2.178 57.7	.605 15.37	.534 13.56	.426 10.82	.154 3.91 .120 3.05	311P407-5P-B-15	206504-1
											311P407-5P-B-12	206504-4
104 (6)	2.212 56.18	.503 12.78	2.500 63.5	2.729 69.32	.230 5.84	2.302 58.47	.668 16.97	.596 15.14	.426 10.82	.154 3.91 .120 3.05	311P407-6P-B-15	206066-2
											311P407-6P-B-12	206066-4

Non-Magnetic Plugs With Silicone Rubber Rear Grommet¹

No. of Contact Pos. (Shell Size)	Dimensions										AMP Part No.
	A	B	C	D	F	G	H	J	K	L	
15 (1)	.666 16.92	.329 8.36	.984 24.99	1.213 30.81	.235 5.97	.759 19.28	.494 12.55	.422 10.72	.120 3.05	.422 10.72	211673-4
26 (2)	.994 25.25	.329 8.36	1.312 33.32	1.541 39.14	.235 5.97	1.083 27.51	.494 12.55	.422 10.72	.120 3.05	.422 10.72	211674-4
44 (3)	1.534 38.96	.329 8.36	1.852 47.04	2.088 53.04	.230 5.84	1.625 41.3	.494 12.55	.422 10.72	.120 3.05	.426 10.82	211675-4
62 (4)	2.182 55.42	.329 8.36	2.500 63.5	2.729 69.32	.230 5.84	2.272 57.7	.494 12.55	.422 10.72	.120 3.05	.426 10.82	211676-4
78 (5)	2.079 52.81	.441 11.20	2.406 61.11	2.635 66.93	.230 5.84	2.178 55.32	.605 15.37	.534 13.56	.120 3.05	.426 10.82	211677-4
104 (6)	2.212 56.18	.503 12.78	2.500 63.5	2.729 69.32	.230 5.84	2.302 58.47	.668 16.97	.596 15.14	.120 3.05	.426 10.82	211678-4

¹ Grommet provided for cable strain relief.