

Connector Material and Finish

Shell - Brass, gold plated

Insert - Approved material per MIL-DTL-24308

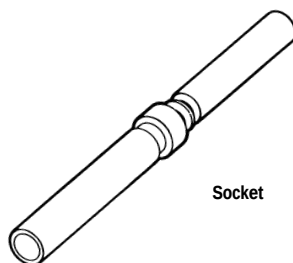
Retention Clips - Copper alloy

Related Product Data

Cavity Identification - page 5127

Mounting, Mating Specifications - page 5143

Accessories - pages 5148-5150



Socket

Wire Size Range	AMP Part No. / NASA No.
22-28 0.4-0.08	206071-1 G-08-S1
26-28 0.15-0.08	206496-1 —

Max. insulation diameter .054 [1.38]

Hand tool AMP Part Number 601966-1

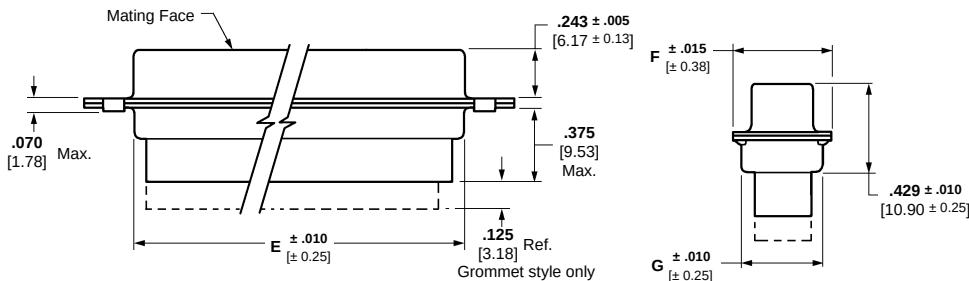
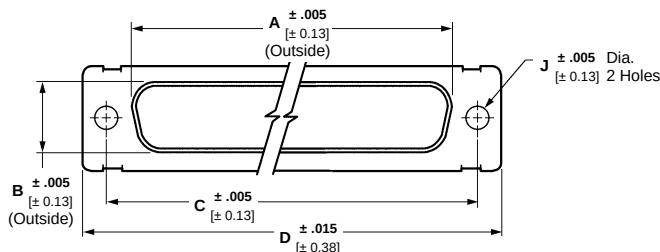
or MIL Part Number M22520/2-01

Positioner AMP Part Number 601966-4
or MIL Part Number M22520/2-06

Contact and Hood Material and Finish

Copper alloy, .000050-.000100
[0.00127-0.0254] thick gold plate over
.000100-.000150 [0.0254-0.00381]
thick copper underplate

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



Non-Magnetic Receptacles per NASA Specification

No. of Contact Pos. (Shell Size)	Dimensions								NASA No.	AMP Part No.
	A	B	C	D	E	F	G	J		
15 (1)	.643 16.33	.311 7.9	.984 24.99	1.213 30.81	.759 19.28	.494 12.55	.422 10.72	.154 3.91	311P407-1S-B-15	206499-1
								.120 3.05	311P407-1S-B-12	206499-4
26 (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	.154 3.91	311P407-2S-B-15	206501-1
								.120 3.05	311P407-2S-B-12	206501-4
44 (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	.154 3.91	311P407-3S-B-15	206064-2
								.120 3.05	311P407-3S-B-12	206064-4
62 (4)	2.159 54.84	.311 7.9	2.500 63.5	2.729 69.32	2.272 57.7	.494 12.55	.422 10.72	.154 3.91	311P407-4S-B-15	206503-1
								.120 3.05	311P407-4S-B-12	206503-4
78 (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	.154 3.91	311P407-5S-B-15	206505-1
								.120 3.05	311P407-5S-B-12	206505-4
104 (6)	2.189 55.6	.485 12.32	2.500 63.5	2.729 69.32	2.302 58.47	.668 16.97	.596 15.14	.154 3.91	311P407-6S-B-15	206065-2
								.120 3.05	311P407-6S-B-12	206065-4

Non-Magnetic Receptacles With Silicone Rubber Rear Grommet¹



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

No. of Contact Pos. (Shell Size)	Dimensions								AMP Part No.
	A	B	C	D	E	F	G	J	
15 (1)	.643 16.33	.311 7.9	.984 24.99	1.213 30.81	.759 19.28	.494 12.55	.422 10.72	.120 3.05	211667-4
26 (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	.120 3.05	211668-4
44 (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	.120 3.05	211669-4
62 (4)	2.159 54.84	.311 7.9	2.500 63.5	2.729 69.32	2.272 57.7	.494 12.55	.422 10.72	.120 3.05	*211670-4
78 (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	.120 3.05	211671-4
104 (6)	2.189 55.6	.485 12.32	2.500 63.5	2.729 69.32	2.302 58.47	.668 16.97	.596 15.14	.120 3.05	211672-4

¹ Grommet provided for cable strain relief.