

ULTRA-LITE Connector Plugs and Receptacles, Series 109

Connector Material and Finish

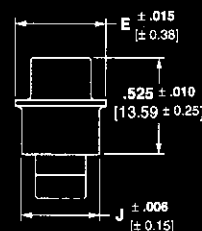
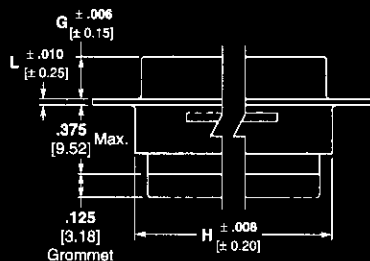
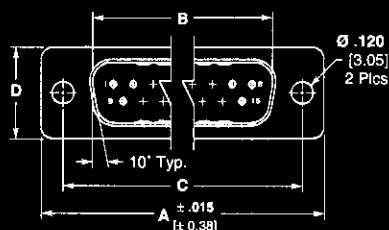
Shell — Aluminum alloy, gold plated per MIL-G-45204 over nickel per MIL-C-26074.

Insert — Blue diallyl phthalate per MIL-M-14 or black Polyphenylene Sulfide (PPS) per MIL-M-24519 or blue thermoplastic per MIL-M-24519

Retention Clips — Beryllium copper

Grommet — Silicon rubber per ZZ-R-765, color: red

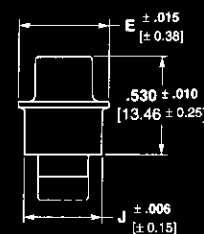
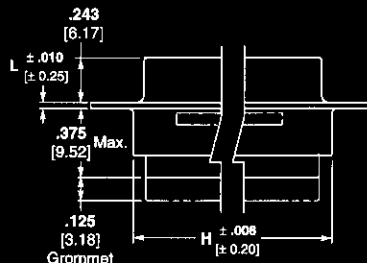
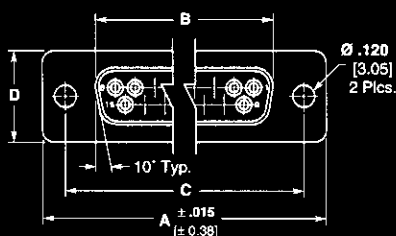
Contacts — Uses size 20 crimp or posted contacts, ref. pages 5102-5104.



Plugs

No. of Contact Pos. (Shell Size)	Dimensions									AMP Part No.
	A	B	C	D	E	G	H	J	L	
9 (1)	1.213 30.81	.666 16.92	.984 24.99	.329 8.36	.494 12.55	.235 5.97	.770 19.56	.438 11.13	.030 0.76	1218234-1 1218234-6*
15 (2)	1.541 39.14	.994 25.25	1.312 33.32	.329 8.36	.494 12.55	.235 5.97	1.094 27.79	.438 11.13	.030 0.76	1218234-2 1218234-7*
25 (3)	2.088 53.04	1.534 38.96	1.852 47.04	.329 8.36	.494 12.55	.230 5.84	1.636 41.55	.438 11.13	.039 0.99	1218234-3 1218234-8*
37 (4)	2.729 69.32	2.182 55.42	2.500 63.50	.329 8.36	.494 12.55	.230 5.84	2.284 58.01	.438 11.13	.039 0.99	1218234-4 1218234-9*
50 (5)	2.635 66.93	2.079 52.81	2.406 61.11	.441 11.20	.605 15.38	.230 5.84	2.189 55.60	.550 13.97	.039 0.99	1218234-5 1-1218234-0*

*Rubber Grommet



Receptacles

No. of Contact Pos. (Shell Size)	Dimensions									AMP Part No.
	A	B	C	D	E	H	J	L		
9 (1)	1.213 30.81	.643 16.33	.984 24.99	.311 7.90	.494 12.55	.770 19.56	.438 11.13	.030 0.76		1218235-1 1218235-6*
15 (2)	1.541 39.14	.971 24.66	1.312 33.32	.311 7.90	.494 12.55	1.094 27.79	.438 11.13	.030 0.76		1218235-2 1218235-7*
25 (3)	2.088 53.04	1.511 38.38	1.852 47.04	.311 7.90	.494 12.55	1.636 41.55	.438 11.13	.039 0.99		1218235-3 1218235-8*
37 (4)	2.729 69.32	2.159 54.84	2.500 63.50	.311 7.90	.494 12.55	2.284 58.01	.438 11.13	.039 0.99		1218235-4 1218235-9*
50 (5)	2.635 66.93	2.064 52.43	2.406 61.11	.423 10.74	.605 15.38	2.189 55.60	.550 13.97	.039 0.99		1218235-5 1-1218235-0*

*Rubber Grommet

Pin and Socket Connectors