

MS3108 Connector Type Datasheet

PM Series • MIL-DTL-5015 Solder Type Connectors

PM08 F 20-29 S N - 01

- 1 **BASIC PART NUMBER**
PM08 90° plug w/ integrated backshell
- 2 **MATERIAL & FINISH**
F Aluminum, olive drab cadmium
- 3 **SHELL SIZE & INSERT ARRANGEMENT**
See Insert Arrangement Selection table, p. G-11
- 4 **CONTACT STYLE**
P Pin
S Socket
- 5 **INSERT ROTATION**
N Normal or W, X, Y, Z, see p. G-11 for availability
- 6 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
01 Protective cover + cable bushing

Note: See part builder (p. G-10) for additional kit options.



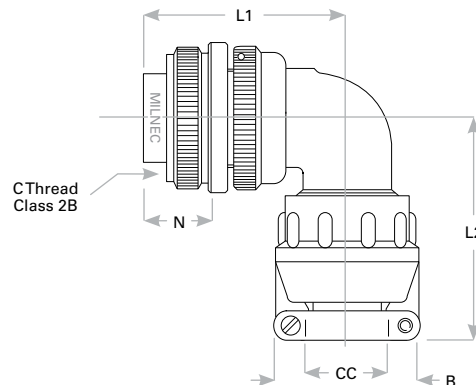
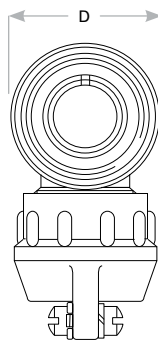
PM08 Cross Reference & Compatibility

Compatible Brands	Equivalent	Mates
MIL-DTL-5015	MS3108	MS3100, MS3101, MS3102
Amphenol	97-3108	97-3100, 97-3101, 97-3102
Array	AC3108	AC3100, AC3101, AC3102
DDK	DMS3108	DMS3100, DMS3101, DMS3102
ITT Cannon	CA3108	CA3100, CA3101, CA3102

Plug Dimensions

Shell Size	D	C Thread Class 2B	L ¹	L ²	N	B	CC Cable Clearance
10SL	.946 (24.0)	.6250-24 NEF	1.482 (37.6)	1.508 (38.3)	.531 (13.5)	.901 (22.9)	.311 (7.9)
12S	.995 (25.3)	.7500-20 UNEF	1.487 (37.8)	1.508 (38.3)	.531 (13.5)	.901 (22.9)	.311 (7.9)
14S	1.123 (28.5)	.8750-20 UNEF	1.551 (39.4)	1.570 (39.9)	.531 (13.5)	1.026 (26.1)	.437 (11.1)
16S	1.250 (31.8)	1.0000-20 UNEF	1.677 (42.6)	1.633 (41.5)	.531 (13.5)	1.119 (28.4)	.559 (14.2)
16	1.250 (31.8)	1.1000-20 UNEF	2.052 (52.1)	1.633 (41.5)	.719 (18.3)	1.119 (28.4)	.559 (14.2)
18	1.333 (33.9)	1.1250-18 UNEF	2.114 (53.7)	1.759 (44.7)	.719 (18.3)	1.229 (31.2)	.622 (15.8)
20	1.461 (37.1)	1.2500-18 UNEF	2.317 (58.9)	1.931 (49.0)	.719 (18.3)	1.479 (37.6)	.748 (19.0)
22	1.588 (40.3)	1.3750-18 UNEF	2.317 (58.9)	1.993 (50.6)	.719 (18.3)	1.479 (37.6)	.748 (19.0)
24	1.729 (43.9)	1.5000-18 UNEF	2.505 (63.6)	2.119 (53.8)	.719 (18.3)	1.666 (42.3)	.933 (23.7)
28	1.968 (50.0)	1.7500-18 UNS	2.505 (63.6)	2.181 (55.4)	.719 (18.3)	1.666 (42.3)	.933 (23.7)
32	2.0000-18NS	2.209 (56.1) UNS	2.739 (69.6)	2.570 (65.3)	.719 (18.3)	2.135 (54.2)	1.252 (31.8)
36	2.2500-16UN	2.463 (62.6) UN	2.864 (72.7)	2.695 (68.5)	.719 (18.3)	2.260 (57.4)	1.362 (34.6)

Dimensions are in inches (mm).



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