

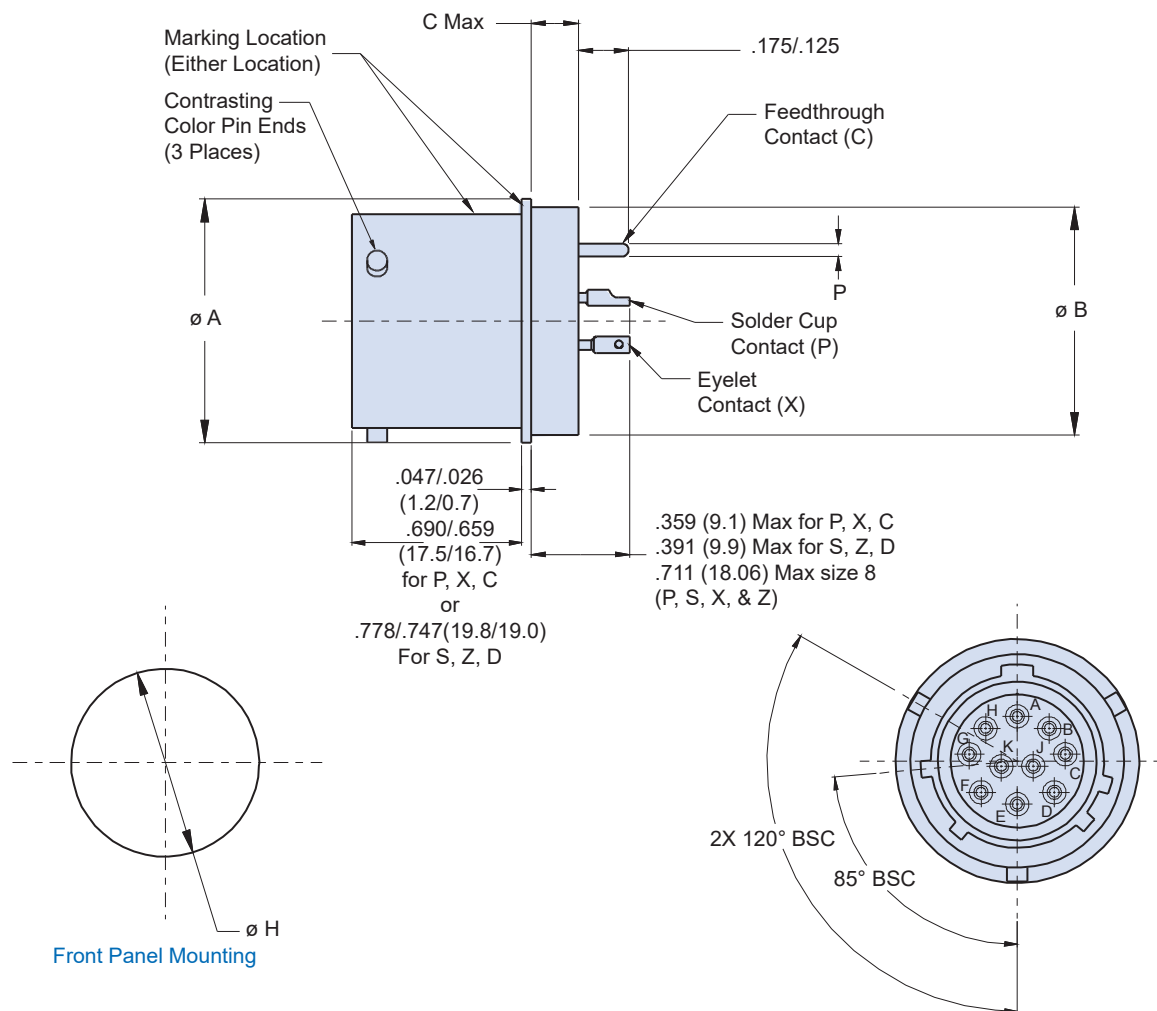
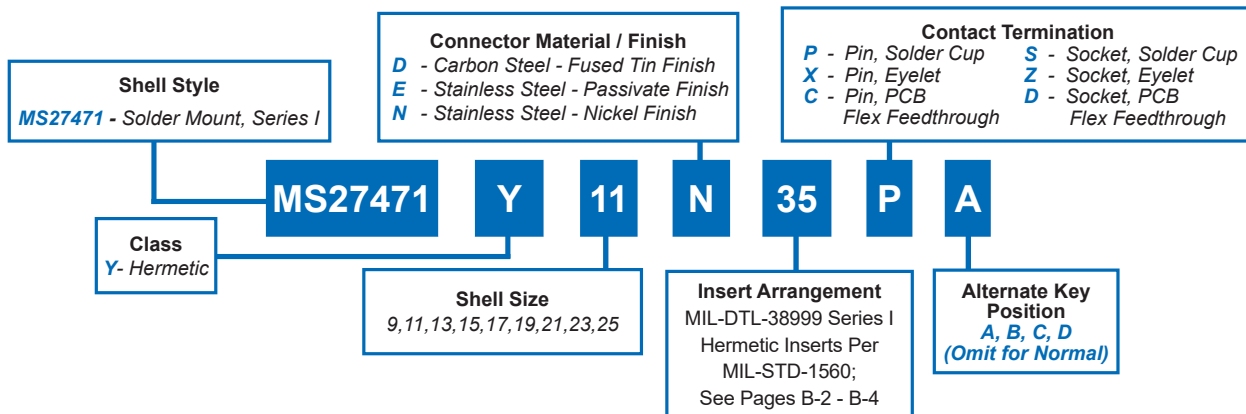


MS27471

Solder Mount Hermetic Receptacle

MIL-DTL-38999 Series I

How To Order: MS



Dimensions in Inches (millimeters) are subject to change without notice.

231-100-H5
Solder Mount Hermetic Receptacle
MIL-DTL-38999 Series I Type



MIL-DTL-38999 Type
Hermetic Connectors

How To Order: Commercial

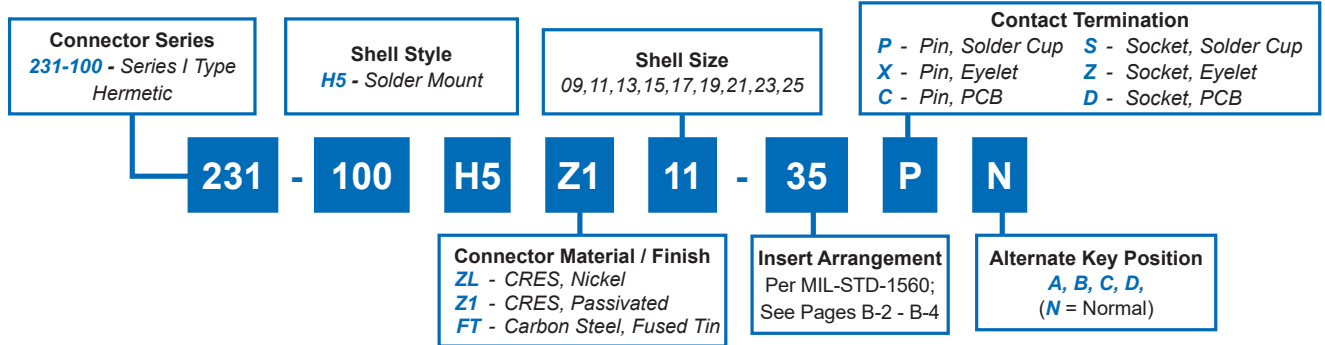


TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	ø A ±.015(0.4)	ø B	C MAX	ø H ±.005(0.1)
9	.750(19.1)	.673(17.1) .667(16.9)	.187(4.7)	.680(17.3)
11	.844(21.4)	.782(19.9) .776(19.7)		.789(20.0)
13	.969(24.6)	.907(23.0) .901(22.9)		.914(23.2)
15	1.094(27.8)	1.032(26.2) 1.027(26.1)		1.038(26.4)
17	1.218(30.9)	1.157(29.4) 1.151(29.2)		1.164(29.6)
19	1.312(33.3)	1.251(31.8) 1.245(31.6)		1.258(32.0)
21	1.438(36.5)	1.376(35.0) 1.370(34.8)		1.383(35.1)
23	1.563(39.7)	1.501(38.1) 1.495(38.0)	.218(5.5)	1.508(38.3)
25	1.688(42.9)	1.626(41.3) 1.620(41.1)		1.643(41.7)

TABLE II: CONTACT SIZE

PRINTED CIRCUIT TAIL CONFIGURATIONS
CONTACT STYLE C AND D

SIZE 12 AND SIZE 16

SIZE 22D AND SIZE 20

Contact Size	ø P
22D	.011 (0.28) .015 (0.38)
20	.024 (0.61) .028 (0.71)
16	.0635 (1.61) .0615 (1.56)
12	.095 (2.41) .093 (2.36)
10	.126 (3.20) .124 (3.15)
8	.184 (4.67) .180 (4.57)

HERMETIC LEAK RATE MOD CODES

Designator	Required Leak Rate
-585A	1 x 10 ⁻¹⁰ cc Helium per second
-585B	1 x 10 ⁻⁹ cc Helium per second
-585C	1 x 10 ⁻⁸ cc Helium per second

WIRE ACCOMODATION

Contact Size	Wire Guage
22D	#22 - #28
20	#20 - #24
16	#16 - #20
12	#12 - #14

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