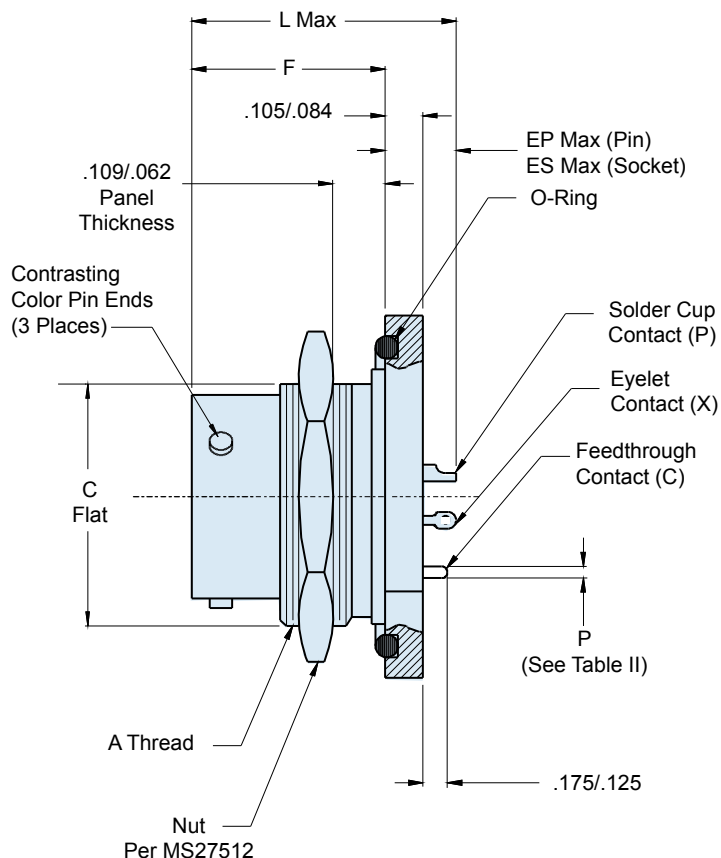
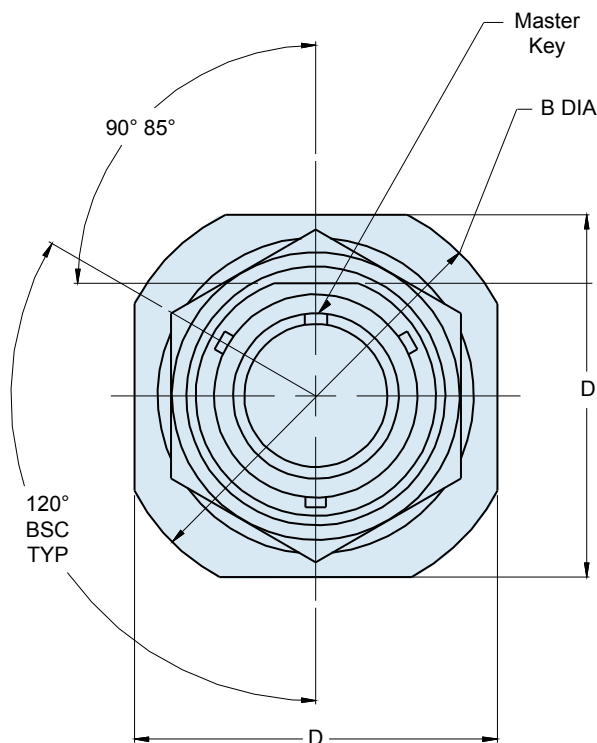
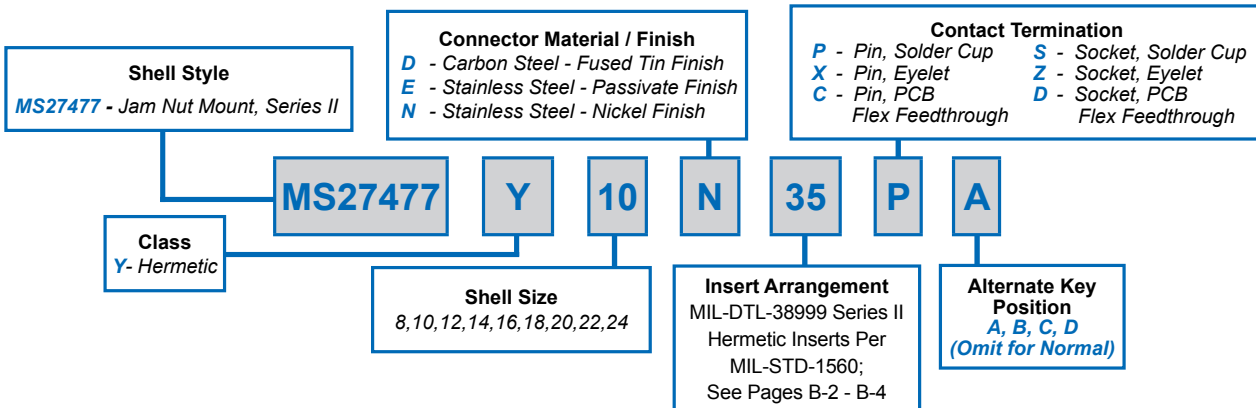


How To Order: MS



MS27477

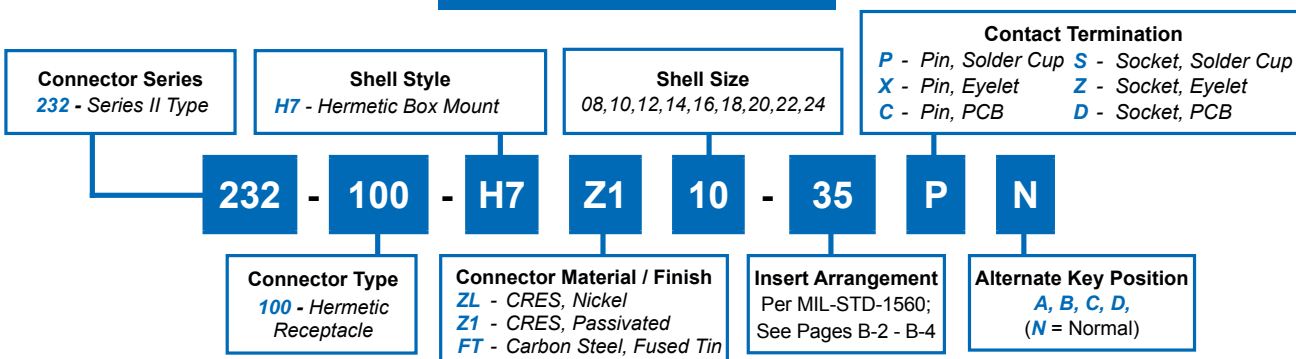
Jam Nut Mount Hermetic Receptacle

MIL-DTL-38999 Series II



D38999 QPL
Hermetics

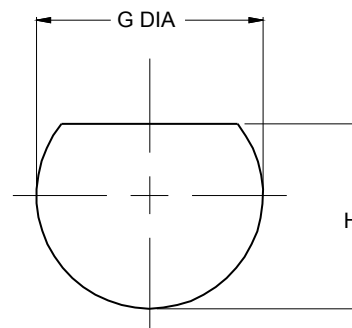
How To Order: Commercial



B

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	A THREAD CLASS 2A	B DIA ±.016(0.4)	C FLAT ±.004(0.1)	D A/F ±.016(0.4)
8/08	.875-20 UNEF	1.375(34.9)	.815(20.7)	1.25(31.8)
10	1.000-20 UNEF	1.5(38.1)	.939(23.9)	1.375(34.9)
12	1.125-18 UNEF	1.625(41.3)	1.063(27.0)	1.5(38.1)
14	1.250-18 UNEF	1.75(44.5)	1.188(30.2)	1.625(41.3)
16	1.375-18 UNEF	1.938(49.2)	1.318(33.5)	1.781(45.2)
18	1.500-18 UNEF	2.016(51.2)	1.438(36.5)	1.890(48.0)
20	1.625-18 UNEF	2.141(54.4)	1.563(39.7)	2.016(51.2)
22	1.750-18 UNS	2.265(57.5)	1.688(42.9)	2.140(54.4)
24	1.875-16 UN	2.39(60.7)	1.813(46.1)	2.265(57.5)



Recommended Panel Cut-Out

TABLE I (CONTINUED): CONNECTOR DIMENSIONS

SHELL SIZE	EP MAX	ES MAX	F ±.005(0.1)	G DIA ±.005(0.1)	H ±.005(0.1)	L MAX
8/08	.281 (7.1)	.359 (9.1)	.438(11.1)	.889(22.6)	.828(21.0)	.724(18.4)
10	.281 (7.1)	.359 (9.1)	.438(11.1)	1.015(25.8)	.952(24.2)	.724(18.4)
12	.281 (7.1)	.359 (9.1)	.438(11.1)	1.139(28.9)	1.076(27.3)	.724(18.4)
14	.281 (7.1)	.359 (9.1)	.438(11.1)	1.264(32.1)	1.201(30.5)	.724(18.4)
16	.281 (7.1)	.359 (9.1)	.438(11.1)	1.389(35.3)	1.331(33.8)	.724(18.4)
18	.281 (7.1)	.359 (9.1)	.438(11.1)	1.515(38.5)	1.451(36.9)	.724(18.4)
20	.250 (6.4)	.344 (8.7)	.464(11.8)	1.640(41.7)	1.576(40.0)	.719(18.3)
22	.250 (6.4)	.344 (8.7)	.464(11.8)	1.745(44.3)	1.701(43.2)	.719(18.3)
24	.250 (6.4)	.344 (8.7)	.464(11.8)	1.890(48.0)	1.826(46.4)	.719(18.3)

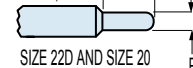
TABLE II: CONTACT SIZE

PRINTED CIRCUIT TAIL CONFIGURATIONS
CONTACT STYLE C AND D



SIZE 12 AND SIZE 16

.050 ± .015
(1.27 ± 0.38)



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)

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[MS27477Y8D98C](#) [MS27477Y8D98P](#) [MS27477Y12N35P](#) [MS27477Y14N35P](#)