

HOW TO ORDER:

EXAMPLE: 947 - 111 M 25 - 24 B P S

PRODUCT SERIES _____

BASIC NUMBER _____

FINISH, TABLE II _____

SHELL SIZE, TABLE I _____

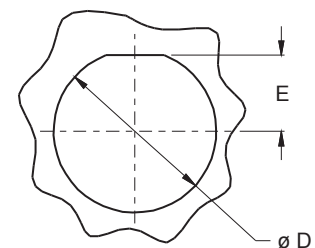
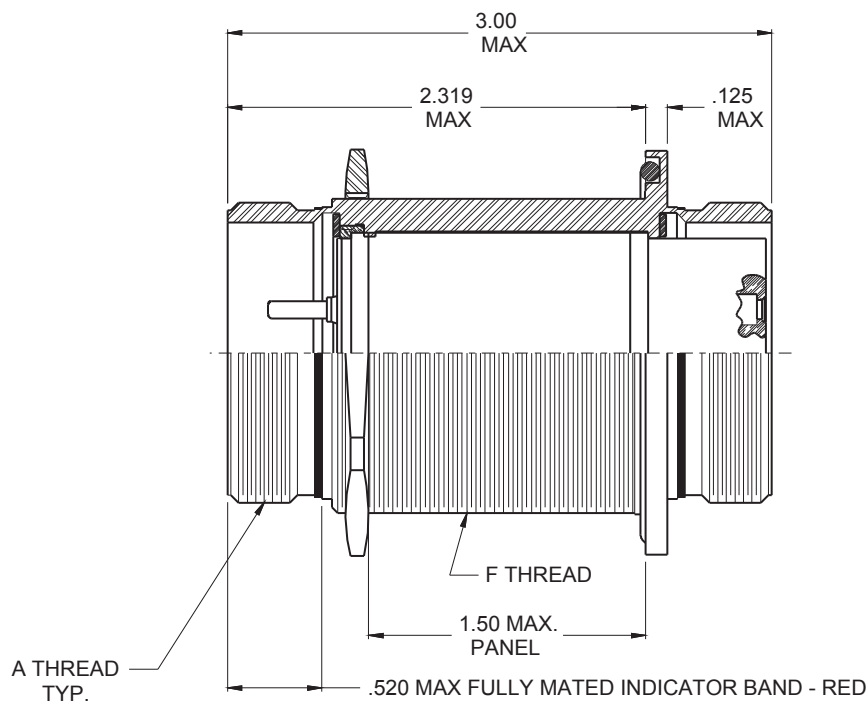
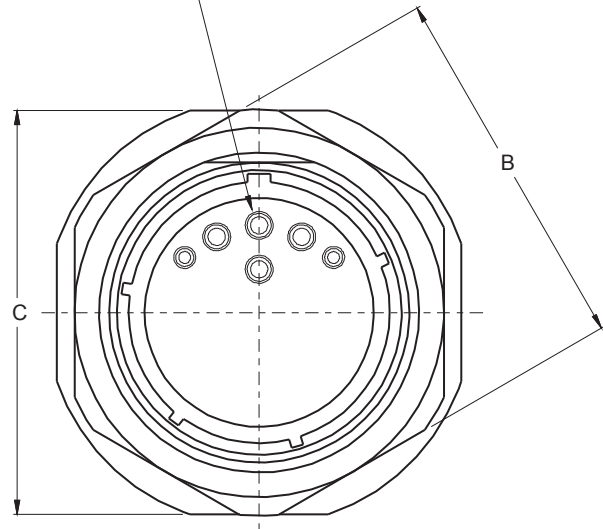
INSERT ARRANGEMENT DASH NUMBER
PER MIL-STD-1560 _____

ALTERNATE POSITION, PER MIL-C-38999
A, B, C, OR D OMIT FOR NORMAL _____

P = PIN ON JAM NUT SIDE
S = SOCKET ON JAM NUT SIDE

P = PIN ON FLANGE SIDE
S = SOCKET ON FLANGE SIDE

SEE MIL-STD-1560 FOR
INSERT ARRANGEMENT



RECOMMENDED PANEL CUT-OUT

947-111
Bulkhead Feed-Thru, Jam Nut,
.150ⁱⁿ Panel
MIL-DTL-38999 Series III Type



MIL-DTL-38999

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	A THREAD 0.1P-0.3L-TS-2	B DIM	C DIM MAX	D DIA	E DIM	F THREAD x1-6g-0.100R
9	.6250	.875 (22.2)	1.09 (27.7)	.698 (17.7)	.322 (8.2)	M17
11	.7500	1.000 (25.4)	1.28 (32.5)	.822 (20.9)	.385 (9.8)	M20
13	.8750	1.250 (31.8)	1.40 (35.6)	1.010 (27.6)	.479 (12.2)	M25
15	1.0000	1.375 (34.9)	1.53 (38.9)	1.135 (28.8)	.541 (13.7)	M28
17	1.1875	1.500 (38.1)	1.66 (42.2)	1.260 (32.0)	.604 (15.3)	M32
19	1.2500	1.625 (41.3)	1.84 (46.7)	1.385 (35.2)	.635 (16.1)	M35
21	1.3750	1.750 (44.5)	1.97 (50.5)	1.510 (38.4)	.698 (17.7)	M38
23	1.5000	1.875 (47.6)	2.09 (53.1)	1.635 (41.5)	.760 (19.3)	M41
25	1.6250	2.000 (50.8)	2.21 (56.1)	1.760 (44.7)	.822 (20.9)	M44

**TABLE II: MATERIALS
AND FINISH**

SYM	FINISH DESCRIPTION
B	CADMIUM PLATE/OLIVE DRAB
J	GOLD IRIDITE OVER CADMIUM PLATE OVER NICKEL
M	ELECTROLESS NICKEL
N	CADMIUM PLATE/OLIVE DRAB OVER NICKEL
NF	CAD/O.D. ONER ELECTROLESS NICKEL (500 HOUR SALT SPRAY)
T	CADMIUM PLATE/BRIGHT DIP OVER NICKEL

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURER'S NAME AND P/N.
2. ELECTRICAL SAFETY LIMITS MUST BE ESTABLISHED BY USER, PEAK VOLTAGE, SWITCHING SURGE, TRANSIENT, ECT.. SHOULD BE USED TO DETERMINE THE SAFETY APPLICATION.
3. MATERIAL/FINISH:
SHELL, LOCKRING, JAM NUT - AL ALLOY/TABLE II
CONTACTS - COPPER ALLOY/GOLD PLATE
INSULATORS - HIGH GRADE RIGID DIELECTRIC/ N.A.
SEALS - FLUOROSILICONE/N.A.