

943-001
Bulkhead Feed-Thru, Jam Nut Mount
.125ⁱⁿ Panel
MIL-DTL-38999 Series III Type

HOW TO ORDER:

EXAMPLE: 943-001 NF 21- 35 N S

PRODUCT SERIES _____

BASIC NO _____

FINISH SYM, TABLE II _____

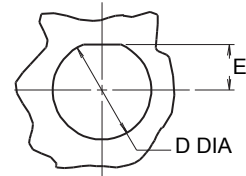
SHELL SIZE, TABLE I _____

INSERT ARRANGEMENT DASH NO _____

ALTERNATE POSITION, MIL-C-38999, _____

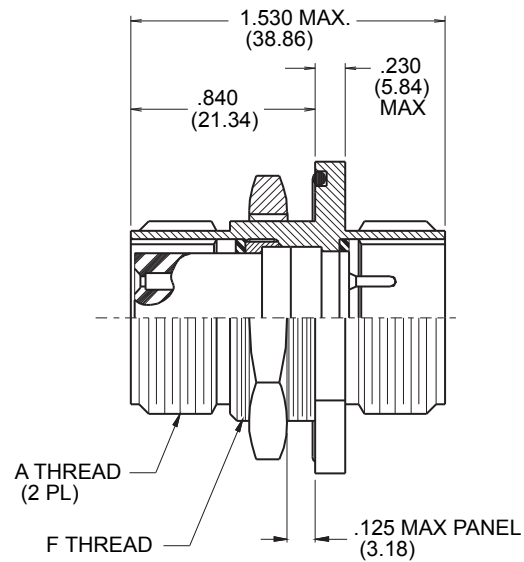
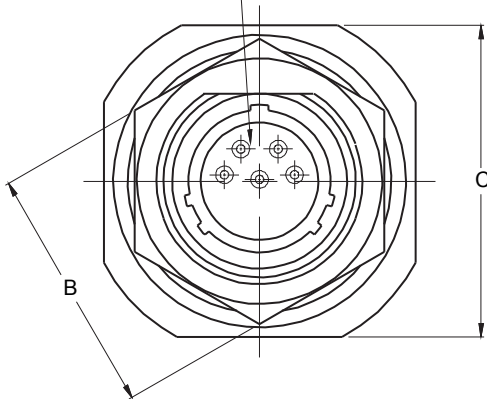
N = NORMAL;
 ALT = A,B,C,D OR E

P = PIN ON JAM NUT SIDE (SOCKET OPPOSITE)
 S = SOCKET ON JAM NUT SIDE (PIN OPPOSITE)
 PP = PIN TO PIN
 SS = SOCKET TO SOCKET



RECOMMENDED PANEL CUT-OUT

SEE MIL-STD-1560 FOR
 INSERT ARRANGEMENT



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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 CLASS 2A
9	.6250	.875 (22.2)	1.09 (27.7)	.698 (17.7)	.322 (8.2)	.6875-24 UNEF
11	.7500	1.000 (25.4)	1.28 (32.5)	.822 (20.9)	.385 (9.8)	.8125-20 UNEF
13	.8750	1.250 (31.8)	1.40 (35.6)	1.010 (27.6)	.479 (12.2)	1.000-20 UNEF
15	1.0000	1.375 (34.9)	1.53 (38.9)	1.135 (28.8)	.541 (13.7)	1.125-18 UNEF
17	1.1875	1.500 (38.1)	1.66 (42.2)	1.260 (32.0)	.604 (15.3)	1.250-18 UNEF
19	1.2500	1.625 (41.3)	1.84 (46.7)	1.385 (35.2)	.635 (16.1)	1.375-18 UNEF
21	1.3750	1.750 (44.5)	1.97 (50.5)	1.510 (38.4)	.698 (17.7)	1.500-18 UNEF
23	1.5000	1.875 (47.6)	2.09 (53.1)	1.635 (41.5)	.760 (19.3)	1.625-18 UNEF
25	1.6250	2.000 (50.8)	2.21 (56.1)	1.760 (44.7)	.822 (20.9)	1.750-18 UNS

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. OVER ELECTROLESS NICKEL (500 HOUR SALT SPRAY)
T	CADMIUM PLATE/BRIGHT DIP OVER NICKEL

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURER'S NAME AND P/N, SPACE PERMITTING.
2. ELECTRICAL SAFETY LIMITS MUST BE ESTABLISHED BY USER, PEAK VOLTAGE, SWITCHING SURGE, TRANSIENT, ETC. SHOULD BE USED TO DETERMINE THE SAFETY APPLICATION.
3. MATERIAL/FINISH:
SHELL, LOCKRING, JAM NUT - AL ALLOY/SEE TABLE II
CONTACTS - COPPER ALLOY/GOLD PLATE
INSULATORS - HIGH-GRADE RIGID DIELECTRIC/N.A.
SEALS - FLUOROSILICONE/N.A.
4. FOR PIN-PIN AND SOCKET-SOCKET FEEDTHROUGH, CONTACT ARRANGEMENT IDENTIFICATION IS IAW MIL-STD-1560. POWER TO A GIVEN CONTACT ON ONE END WILL RESULT IN POWER TO CONTACT DIRECTLY OPPOSITE, REGARDLESS OF CONTACT IDENTIFICATION.
5. METRIC DIMENSIONS. (IN PARENTHESIS) ARE GIVEN FOR REFERENCE ONLY AND ARE BASED ON 1 INCH = 25.4 mm.