

HOW TO ORDER:

EXAMPLE: 947 - 114 NF 21 - 35 B P 01

PRODUCT SERIES _____

BASIC NO _____

FINISH SYM, TABLE II _____

SHELL SIZE, TABLE I _____

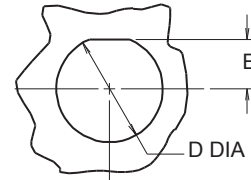
INSERT ARRANGEMENT DASH NO _____

ALTERNATE POSITION, MIL-C-38999, OMIT FOR NORMAL _____

P = PIN ON JAM NUT SIDE
 S = SOCKET ON JAM NUT SIDE
 PP = PIN TO PIN $\triangle \triangle$
 SS = SOCKET TO SOCKET $\triangle \triangle$

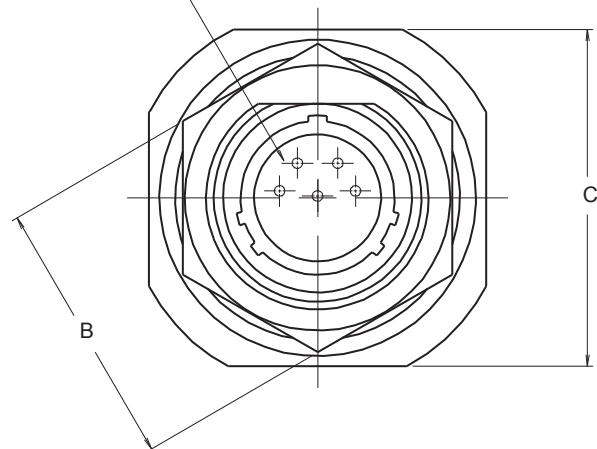
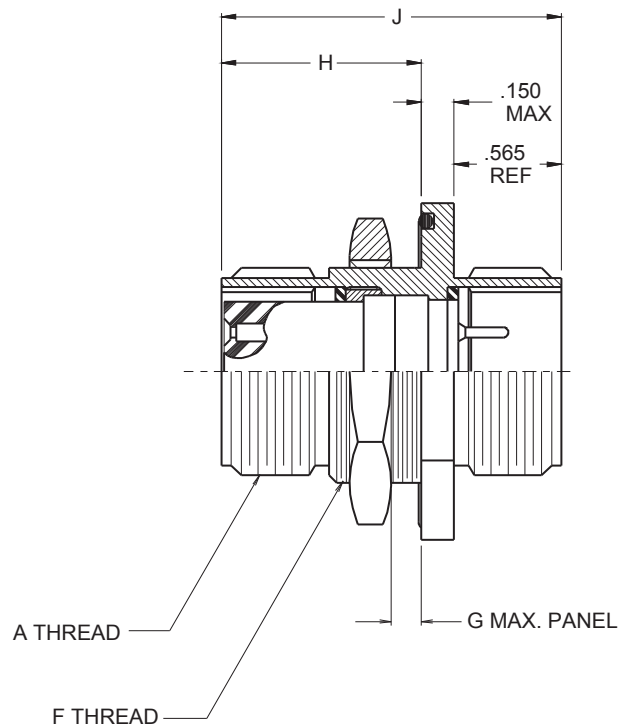
DASH NO, TABLE III _____

PANEL THICKNESS _____



RECOMMENDED PANEL CUT-OUT

SEE MIL-C-38999 FOR
 INSERT ARRANGEMENTS



947-114
Bulkhead Feed-Thru, Jam Nut Mount
.250/.500ⁱⁿ 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 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

TABLE III: PANEL THICKNESS

DASH NO	G MAX	H MAX	J MAX
01	.250 (6.4)	1.02 (25.9)	1.73 (43.9)
02	.500 (12.7)	1.27 (32.3)	1.98 (50.3)

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURER'S NAME AND P/N, SPACE PERMITTING.
2. FOR PIN/PIN AND SKT/SKT, SYMETRICAL LAYOUTS ONLY,
CONSULT FACTORY FOR AVAILABLE INSERT ARRANGEMENTS.
3. POWER TO A GIVEN CONTACT ON ONE END WILL RESULT
IN POWER TO CONTACT DIRECTLY OPPOSITE, REGARDLESS
OF IDENTIFICATION LETTER.
4. ELECTRICAL SAFETY LIMITS MUST BE ESTABLISHED BY USER, PEAK VOLTAGE,
SWITCHING SURGE, TRANSIENT, ECT.. SHOULD BE USED TO DETERMINE THE
SAFETY APPLICATION.
5. MATERIAL/FINISH:
SHELL, LOCKRING, JAM NUT - AL ALLOY/SEE TABLE II
CONTACTS - COPPER ALLOY/GOLD PLATE
INSULATORS - HIGH-GRADE RIGID DIELECTRIC/N.A.
SEALS - SILICONE/N.A.