

HOW TO ORDER:

EXAMPLE: 947 - 036 - 21 - 35 B P

PRODUCT SERIES _____

BASIC NO _____

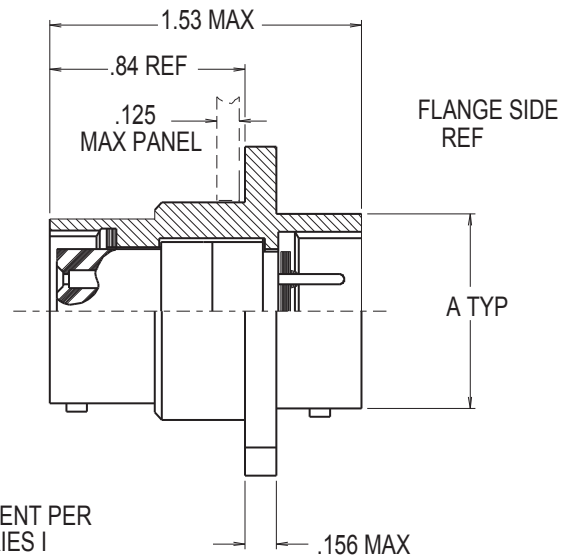
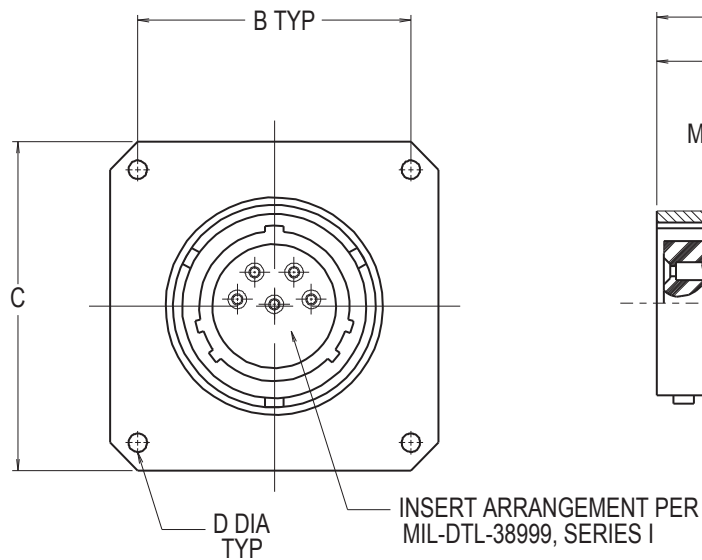
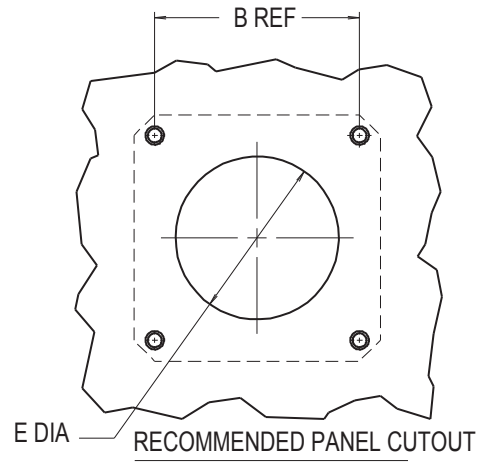
FINISH SYM, TABLE II _____

SHELL SIZE, TABLE I _____

INSERT ARRANGEMENT DASH NO
 PER MIL-DTL-38999, SERIES I _____

ALTERNATE POSITION
 PER MIL-DTL-38999, SERIES I _____

P = PIN ON FLANGE SIDE
 S = SOCKET ON FLANGE SIDE
 P1 = PIN TO PIN
 S1 = SOCKET TO SOCKET



947-036
Bulkhead Feed-Thru, Flange Mount, Environmental
.125ⁱⁿ Panel
MIL-DTL-38999 Series I Type



MIL-DTL-38999

TABLE I: CONNECTOR DIMENSIONS					
SHELL SIZE	A MAX	B SQ	C SQ	D DIA	E ±.005 (0.1)
09	.573 (14.6)	.719 (18.3)	.938 (23.8)	.125 (3.2)	.703 (17.9)
11	.701 (17.8)	.812 (20.6)	1.031 (26.2)	.125 (3.2)	.827 (21.0)
13	.851 (21.6)	.906 (23.0)	1.125 (28.8)	.125 (3.2)	1.015 (25.8)
15	.976 (24.8)	.969 (24.6)	1.219 (31.0)	.125 (3.2)	1.140 (29.0)
17	1.101 (28.0)	1.062 (27.0)	1.312 (33.3)	.125 (3.2)	1.265 (32.1)
19	1.208 (30.7)	1.156 (29.4)	1.438 (36.5)	.125 (3.2)	1.390 (35.3)
21	1.333 (33.9)	1.250 (31.8)	1.562 (39.7)	.125 (3.2)	1.515 (38.5)
23	1.458 (37.0)	1.375 (34.9)	1.688 (42.9)	.156 (4.0)	1.640 (41.7)
25	1.583 (40.2)	1.500 (38.1)	1.812 (46.0)	.156 (4.0)	1.765 (44.8)

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

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURERS NAME AND PART NUMBER SPACE PERMITTING.
2. MATERIAL / FINISH:
 SHELLS AND NUTS - AL ALLOY,6061-T6,QQ-A-225/8 /SEE TABLE II
 CONTACTS - LEADED NICKEL COPPER - GOLD PLATE
 MIL-G-45204,TYPE II,CLASS I.
 BAYONET PINS - AISI 300 SERIES STAINLESS STEEL - PASSIVATE,QQ-P-35.
 HOODS - AISI 305 SERIES STAINLESS STEEL - PASSIVATE,QQ-P-35.
 INSERTS - EPIALL 1908
 SEALS - SILICONE PER ZZ-R-765