

GC481

Flange Mount Bulkhead Feed-Thru/In-Line Receptacle

.125ⁱⁿ Panel MIL-DTL-38999 Series III Type

HOW TO ORDER:

EXAMPLE: GC481 A J 21-35 B S

BASIC NO _____

STYLE: A OR B _____

FINISH SYMBOL, TABLE II _____

SHELL SIZE, TABLE I _____

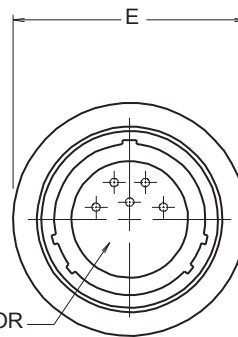
INSERT ARRANGEMENT DASH NO _____

ALTERNATE POSITION, PER MIL-DTL-38999
OMIT FOR NORMAL

S = SOCKET CONTACTS ON PANEL SIDE
OMIT FOR PIN CONTACTS ON PANEL SIDE

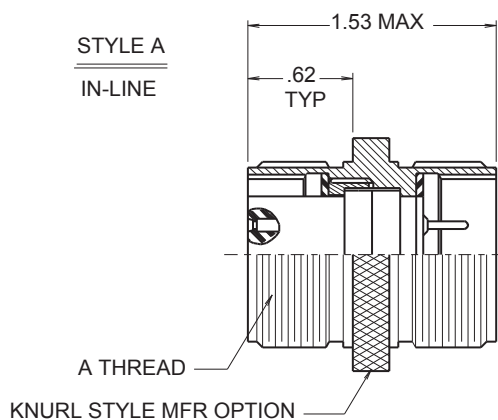
SS = SOCKET ON BOTH SIDES.

PP = PIN ON BOTH SIDES

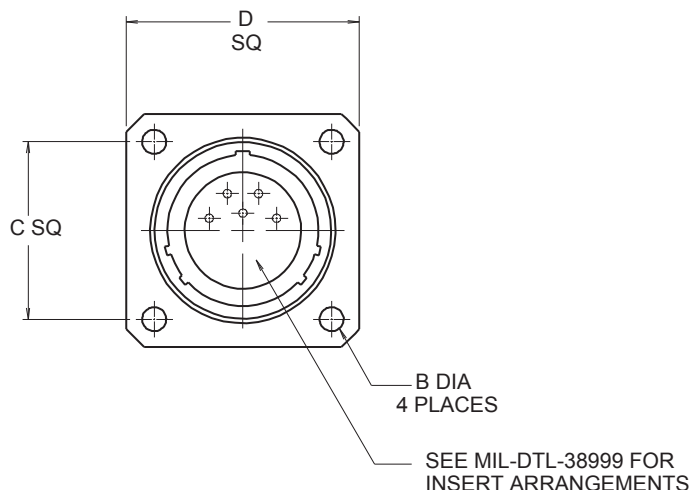
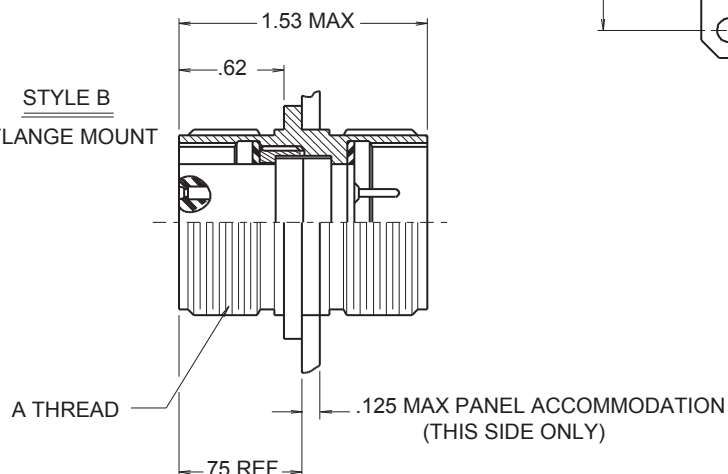


SEE MIL-C-38999 FOR
INSERT ARRANGEMENTS

STYLE A
IN-LINE



STYLE B
FLANGE MOUNT



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MIL-DTL-38999

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	A THREAD	B DIA ±.010 (0.3)	C DIM	D DIM ±.020 (0.5)	E DIA MAX
9	.625 -1P-.3L-2A	.128 (3.3)	.719 (18.3)	.938 (23.8)	.859 (21.8)
11	.750 -1P-.3L-2A	.128 (3.3)	.812 (20.6)	1.031 (26.2)	.984 (25.0)
13	.875 -1P-.3L-2A	.128 (3.3)	.906 (23.0)	1.125 (28.6)	1.156 (29.4)
15	1.000 -1P-.3L-2A	.128 (3.3)	.969 (24.6)	1.219 (31.0)	1.281 (32.5)
17	1.188 -1P-.3L-2A	.128 (3.3)	1.062 (27.0)	1.312 (33.3)	1.406 (35.7)
19	1.250 -1P-.3L-2A	.128 (3.3)	1.156 (29.4)	1.438 (36.5)	1.516 (38.5)
21	1.375 -1P-.3L-2A	.128 (3.3)	1.250 (31.8)	1.562 (39.7)	1.641 (41.7)
23	1.500 -1P-.3L-2A	.156 (4.0)	1.375 (34.9)	1.688 (42.9)	1.766 (44.9)
25	1.625 -1P-.3L-2A	.156 (4.0)	1.500 (38.1)	1.812 (46.0)	1.891 (48.0)

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. MATERIAL/FINISH:
SHELL ASSEMBLY - AL ALLOY/SEE TABLE II
CONTACTS - COPPER ALLOY/GOLD PLATE
INSULATORS - HIGH-GRADE RIGID DIELECTRIC/N.A.
SEALS - SILICONE/N.A.
3. FOR SYMMETRICAL LAYOUTS ONLY. POWER TO A
GIVEN CONTACT ON ONE END WILL RESULT IN POWER TO CONTACT
DIRECTLY OPPOSITE, REGARDLESS OF IDENTIFICATION LETTER.