

GC443

In-Line/Flange Mount Receptacle

Pin/Socket or Socket/Socket

MIL-DTL-38999 Series I Type

HOW TO ORDER:

EXAMPLE: GC443 A J 21 - 35 B

BASIC NO _____

STYLE: A OR B _____

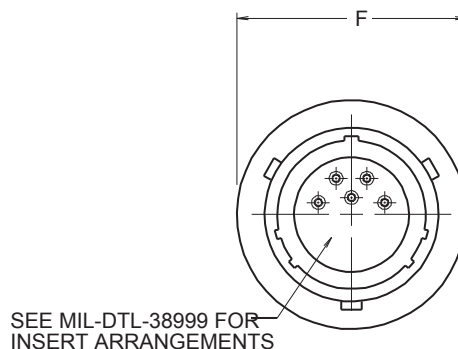
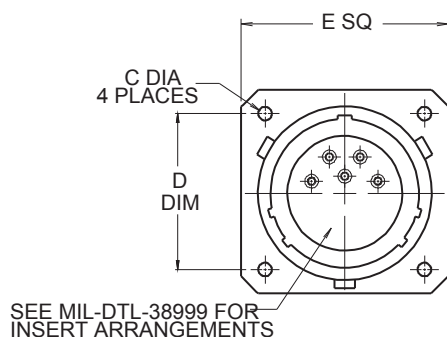
FINISH SYMBOL, TABLE II _____

SHELL SIZE, TABLE I _____

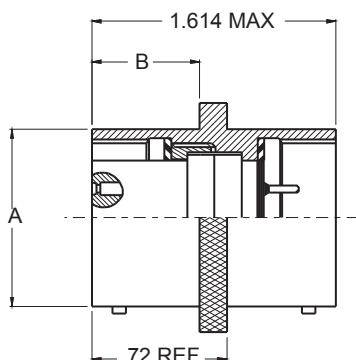
INSERT ARRANGEMENT DASH NO _____

ALTERNATE POSITION, PER MIL-C-38999 _____

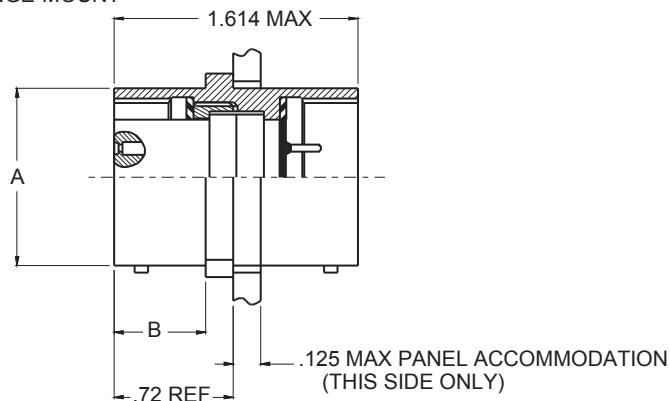
OMIT FOR NORMAL



STYLE A
IN-LINE



STYLE B
FLANGE-MOUNT



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MIL-DTL-38999

TABLE I: CONNECTOR DIMENSIONS

SHELL SIZE	A DIA MAX	B DIA MAX	C +.010-.005 (+0.3 - 0.1)	D DIM	E DIM ±.020 (0.5)	F DIA MAX
9	.573 (14.6)	.632 (16.1)	.128 (3.3)	.719 (18.3)	.938 (23.8)	.859 (21.8)
11	.701 (17.8)	.632 (16.1)	.128 (3.3)	.812 (20.6)	1.031 (26.2)	.984 (25.0)
13	.851 (21.6)	.632 (16.1)	.128 (3.3)	.906 (23.0)	1.125 (28.6)	1.156 (29.4)
15	.976 (24.8)	.632 (16.1)	.128 (3.3)	.969 (24.6)	1.219 (31.0)	1.281 (32.5)
17	1.101 (28.0)	.632 (16.1)	.128 (3.3)	1.062 (27.0)	1.312 (33.3)	1.406 (35.7)
19	1.208 (30.7)	.632 (16.1)	.128 (3.3)	1.156 (29.4)	1.438 (36.5)	1.516 (38.5)
21	1.333 (33.9)	.602 (15.3)	.147 (3.7)	1.250 (31.8)	1.562 (39.7)	1.641 (41.7)
23	1.458 (37.0)	.602 (15.3)	.147 (3.7)	1.375 (34.9)	1.688 (42.9)	1.766 (44.9)
25	1.583 (40.2)	.602 (15.3)	.147 (3.7)	1.500 (38.1)	1.812 (46.0)	1.891 (48.0)

NOTES:

1. ASSEMBLY IDENTIFIED WITH MANUFACTURER'S NAME AND P/N, SPACE PERMITTING.
2. MATERIAL/FINISH:
 SHELL ASSEMBLY - AL ALLOY/SEE TABLE II
 BAYONET PINS - CRES/PASSIVATE
 CONTACTS - COPPER ALLOY/GOLD PLATE
 INSULATORS - HIGH-GRADE RIGID DIELECTRIC/N.A.
 INTERFACIAL & PERIPHERAL SEALS - SILICONE/N.A.

TABLE II: MATERIALS AND FINISH

SYM	FINISH DESCRIPTION
A	CADMIUM PLATE / BRIGHT DIP
B	CADMIUM PLATE / OLIVE DRAB
C	BLACK ANODIZE
D	CLEAR ANODIZE
E	GOLD IRIDITE
F	GRAY ANODIZE
G	HARD COAT
H	BLACK ANODIZE / OUTSIDE DIAMETER WITH CADMIUM PLATE / INSIDE DIAMETER
J	GOLD IRIDITE OVER CADMIUM PLATE OVER NICKEL PLATE
K	HARD CHROME
L	CADMIUM PLATE / BRIGHT DIP OVER ELECTROLESS NICKEL
M	ELECTROLESS NICKEL
N	CADMIUM PLATE / OLIVE DRAB OVER NICKEL PLATE
P	NICKEL PLATE
R	RED ANODIZE
S	GREEN ANODIZE
T	CADMIUM PLATE OVER NICKEL PLATE
W	LEACHED IRIDITE
Y	GOLD IRIDITE OVER CADMIUM PLATE
Z	SPECIAL PER PURCHASE ORDER