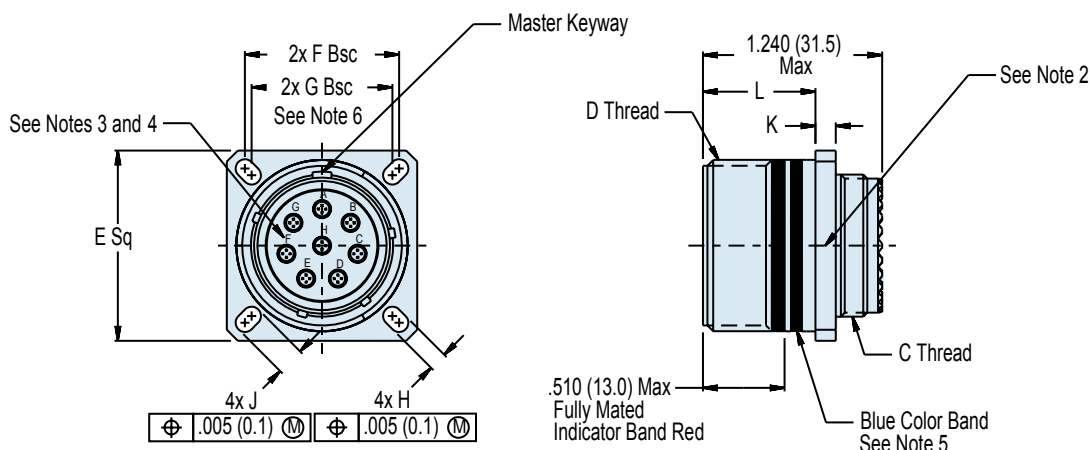
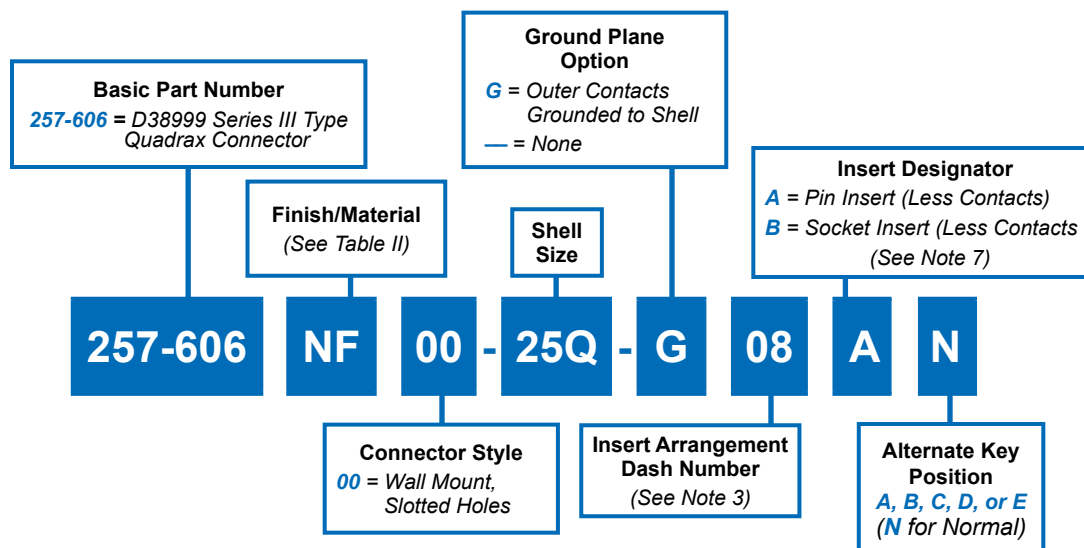


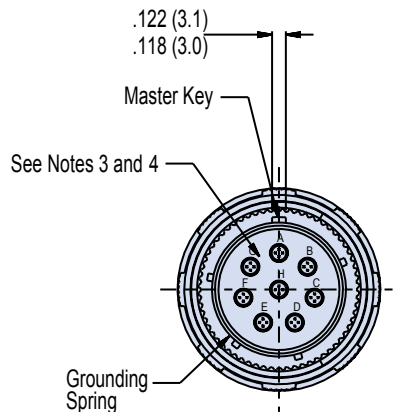
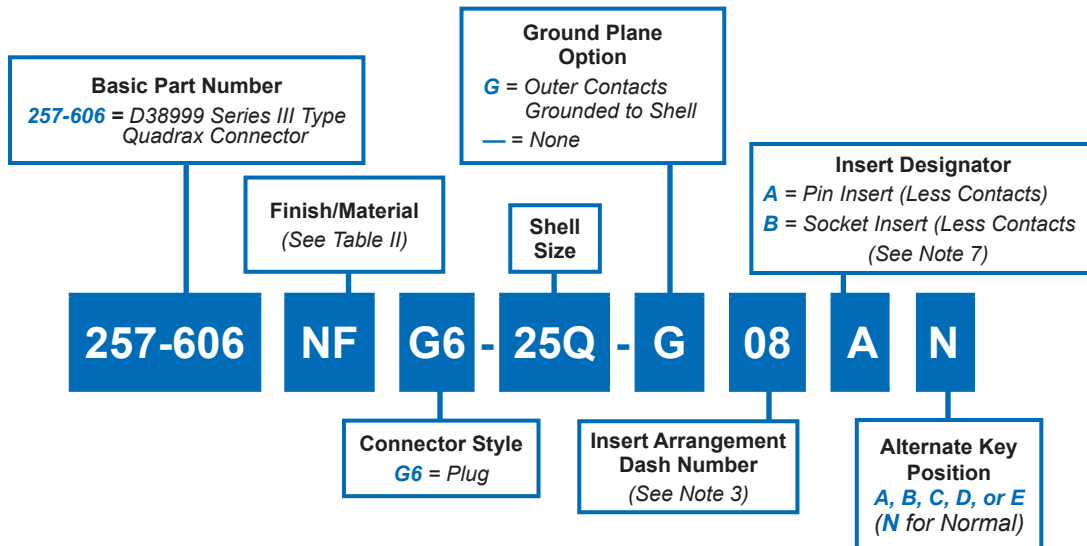


**00-Wall Mount Receptacle
With Slotted Holes**
(See Table I)

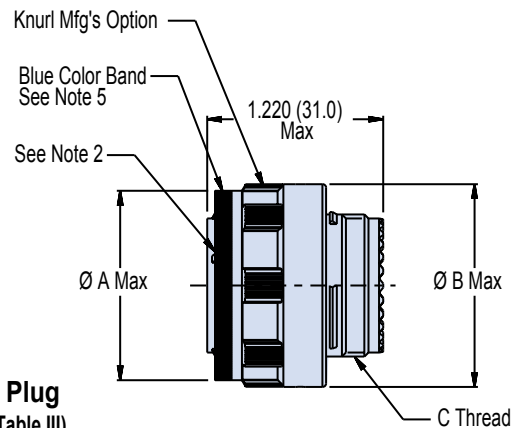
APPLICATION NOTES

1. Material/Finish (See Table II).
2. Assembly identified with Glenair's, part number and date code
3. Insert arrangements IAW MIL-STD-1560 and Figure 1.
4. Insert arrangements shown is for reference only.
5. Blue color band indicates rear release retention system.
6. Front panel mount only.
7. Parts will be identified "A" or "B."

257-606 (G6)
Quadrax Plug Connector
 MIL-DTL-38999 Series III Type



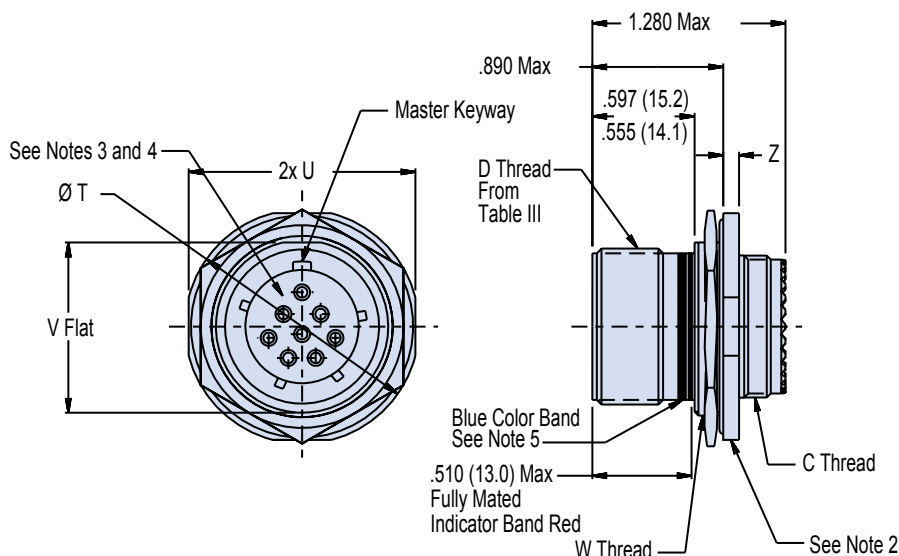
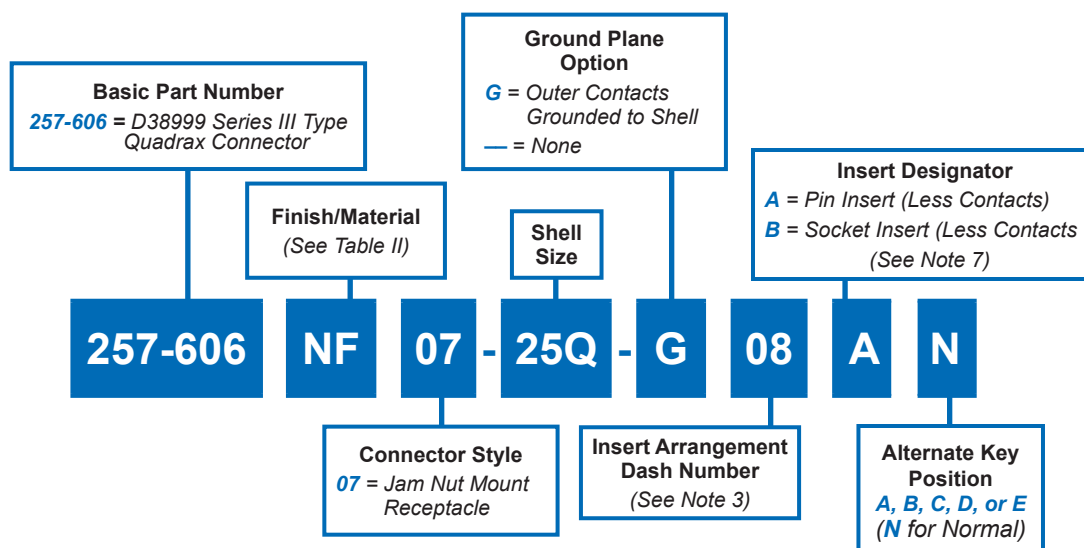
G6 - Plug
 (See Table III)



APPLICATION NOTES

1. Material/Finish (See Table II).
2. Assembly identified with Glenair's, part number and date code
3. Insert arrangements IAW MIL-STD-1560 and Figure 1.
4. Insert arrangements shown is for reference only.
5. Blue color band indicates rear release retention system.
6. Front panel mount only.
7. Parts will be identified "A" or "B."

257-606 (07) Jam Nut Mount Quadrax Plug Receptacle Connector MIL-DTL-38999 Series III Type



07 - Jam Nut Mount Receptacle
(See Table IV)

APPLICATION NOTES

1. Material/Finish (See Table II).
2. Assembly identified with Glenair's, part number and date code
3. Insert arrangements IAW MIL-STD-1560 and Figure 1.
4. Insert arrangements shown is for reference only.
5. Blue color band indicates rear release retention system.
6. Front panel mount only.
7. Parts will be identified "A" or "B."

257-606
Quadrax Connector Dimensions,
Finish and Ground Plane • MIL-DTL-38999 Series III Type



Twinax and
 Quadrax
 Connectors

TABLE I: G6 PLUG DIMENSIONS

Shell Size Code	Shell Size	ø A Max.	ø B Max.	C Thread
A	09	.811 (20.6)	.858 (21.8)	M12 x 1.0-6g 0.100R
B	11	.929 (23.6)	.984 (25.0)	M15 x 1.0-6g 0.100R
E	17	1.358 (34.5)	1.406 (35.7)	M25 x 1.0-6g 0.100R
F	19	1.469 (37.3)	1.516 (38.5)	M28 x 1.0-6g 0.100R
G	21	1.594 (40.5)	1.642 (41.7)	M31 x 1.0-6g 0.100R
H	23	1.720 (43.7)	1.768 (44.9)	M34 x 1.0-6g 0.100R
J	25	1.843 (46.8)	1.890 (48.0)	M37 x 1.0-6g 0.100R

TABLE II: MATERIAL/FINISH and GROUND PLANE

Sym	Material	Finish	Ground Plane
M	Aluminum	Electroless Nickel	1 mV
NF		Cadmium O.D. Over Electroless Nickel	2.5 mV
XM	Composite	Electroless Nickel	3.0 mV
XW		Cadmium O.D. over Electroless Nickel	3.0 mV

Consult Factory for Additional Plating Options

TABLE III: 00 WALL MOUNT DIMENSIONS

TABLE III: 00 WALL MOUNT DIMENSIONS									
Shell Size Code	Shell Size	D Thread	E Sq.	F BSC	G BSC (See Note 6)	H	J	K	L
A	09	.6250-.1P-.3L-TS-2A	.949 (24.1) .925 (23.5)	.719 (18.3)	.626 (15.9)	.136 (3.5) .120 (3.0)	.224 (5.7) .208 (5.3)	.144 (3.7) .083 (2.1)	.823 (20.9) .768 (19.5)
B	11	.7500-.1P-.3L-TS-2A	1.043 (26.5) 1.019 (25.9)	.812 (20.6)	.719 (18.3)		.202 (5.1) .186 (4.7)		
E	17	1.1875-.1P-.3L-TS-2A	1.323 (33.6) 1.299 (33.0)	1.062 (27.0)	.969 (24.6)				
F	19	1.2500-.1P-.3L-TS-2A	1.449 (36.8) 1.425 (36.2)	1.156 (29.4)	1.062 (27.0)		.171 (4.3) .083 (2.1)	.791 (20.1) .736 (18.7)	
G	21	1.3750-.1P-.3L-TS-2A	1.575 (40.0) 1.551 (39.4)	1.250 (31.8)	1.156 (29.4)				
H	23	1.5000-.1P-.3L-TS-2A	1.701 (43.2) 1.667 (42.3)	1.375 (34.9)	1.250 (31.8)	.162 (4.1) .146 (3.7)	.250 (6.4) .234 (5.9)		
J	25	1.6250-.1P-.3L-TS-2A	1.823 (46.3) 1.799 (45.7)	1.500 (38.1)	1.375 (34.9)				

TABLE II: MATERIAL/FINISH

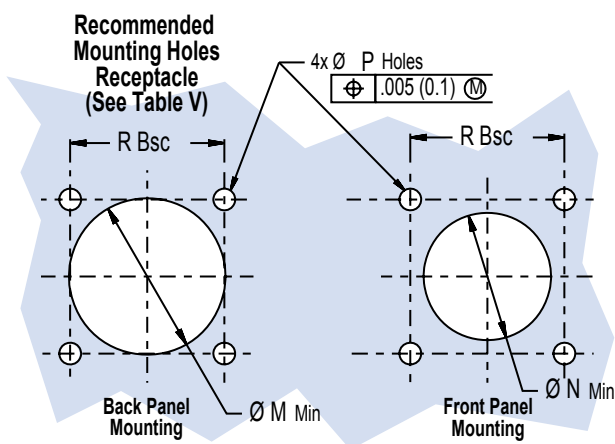
Sym	Material	Finish
M	Aluminum	Electroless Nickel
NF		Cadmium O.D. Over Electroless Nickel
MT		Ni-PTFE 1,000 Hour Grey™ (Nickel Fluorocarbon Polymer)
XM	Composite	Electroless Nickel
XW		Cadmium O.D. Over Electroless Nickel
XMT		Ni-PTFE 1,000 Hour Grey™ (Nickel Fluorocarbon Polymer)I

Consult Factory for Additional Plating Options

TABLE IV: 07 JAM NUT MOUNT

Shell Size Code	Shell Size	øT	U	V Flat	W Thread	Z
A	09	1.200 (30.5) 1.178 (29.9)	1.078 (27.4) 1.048 (26.6)	.654 (16.6) .645 (16.4)	M17 x 1.0-6g 0.100R	.122 (3.1) .083 (2.1)
B	11	1.386 (35.2) 1.362 (34.6)	1.268 (32.2) 1.236 (31.4)	.755 (19.2) .745 (18.9)	M20 x 1.0-6g 0.100R	
E	17	1.764 (44.8) 1.740 (44.2)	1.642 (41.7) 1.610 (40.9)	1.191 (30.3) 1.181 (30.0)	M32 x 1.0-6g 0.100R (See Note 6)	
F	19	1.949 (49.5) 1.925 (48.9)	1.827 (46.4) 1.795 (45.6)	1.316 (33.4) 1.306 (33.2)	M35 x 1.0-6g 0.100R	.153 (3.9) .114 (2.9)
G	21	2.075 (52.7) 2.051 (52.1)	1.953 (49.6) 1.921 (48.8)	1.441 (36.6) 1.431 (36.3)	M38 x 1.0-6g 0.100R	
H	23	2.201 (55.9) 2.177 (55.3)	2.079 (52.8) 2.047 (52.0)	1.566 (39.8) 1.556 (39.5)	M41 x 1.0-6g 0.100R	
J	25	2.323 (59.0) 2.299 (58.4)	2.205 (56.0) 2.173 (55.2)	1.691 (43.0) 1.681 (42.7)	M44 x 1.0-6g 0.100R	

Recommended
Mounting Holes
Receptacle
(See Table V)

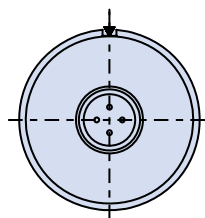

TABLE V: MOUNTING HOLE DIMENSIONS

Shell Size Code	Shell Size	øM Min	øN Min	P Holes	R BSC
A	09	.656 (16.7)	.516 (13.1)	.133 (3.4) .123 (3.1)	.719 (18.3)
B	11	.796 (19.5)	.625 (15.9)		.812 (20.6)
E	17	1.219 (31.0)	1.016 (25.8)		1.062 (27.0)
F	19	1.297 (32.4)	1.141 (29.0)	.159 (4.0) .149 (3.8)	1.156 (29.4)
G	21	1.422 (36.1)	1.266 (32.2)		1.250 (31.8)
H	23	1.547 (39.3)	1.375 (34.9)		1.375 (34.9)
J	25	1.672 (42.5)	1.484 (37.7)	.155 (3.9) .145 (3.7)	1.500 (38.1)

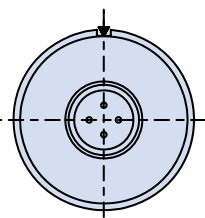
257-606
Quadrax Connector Insert Arrangements
MIL-DTL-38999 Series III Type (IAW MIL-STD-1560)



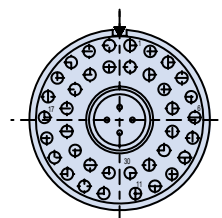
Twinax and
 Quadrax
 Connectors



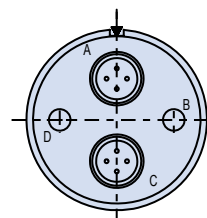
ARRANGEMENT 09Q-05



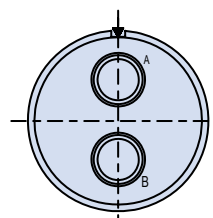
ARRANGEMENT 11Q-01



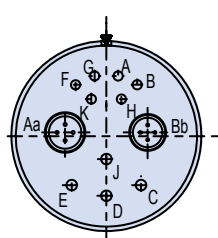
ARRANGEMENT 17Q-02
 1X SIZE 8 QUADRA
 38X SIZE 22



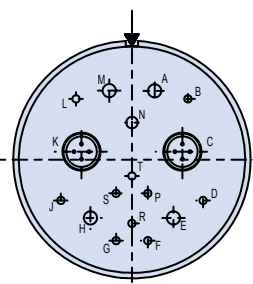
ARRANGEMENT 17Q-22
 (IAW PREN 3645-001)
 2X SIZE 8 QUADRA
 2X SIZE 12



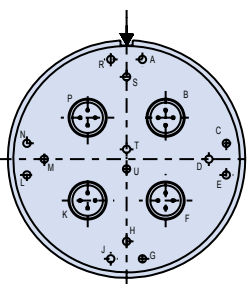
ARRANGEMENT 17Q-75
 (IAW PREN 3645-001)
 2X SIZE 8 QUADRA



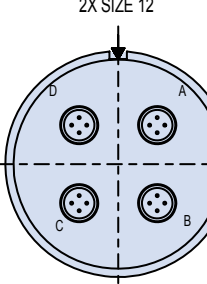
ARRANGEMENT 19Q-12
 6X SIZE 20
 4X SIZE 16
 2X SIZE 8 QUADREX



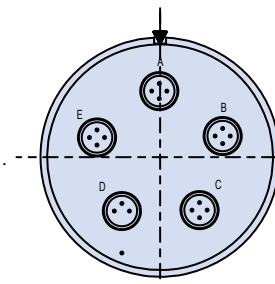
ARRANGEMENT 19Q-17
 10X SIZE 22D
 1X SIZE 20
 4X SIZE 16
 2X SIZE 8 QUADRA



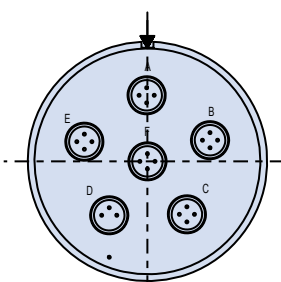
ARRANGEMENT 19Q-18
 14X SIZE 22D
 4X SIZE 8 QUADRA



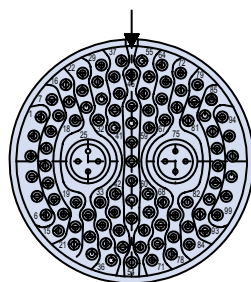
ARRANGEMENT 21Q-75
 4X SIZE 8 QUADRA



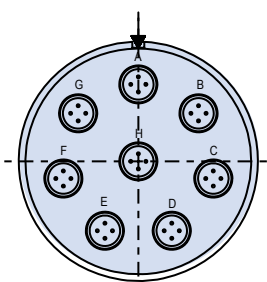
ARRANGEMENT 23Q-05
 (IAW PREN 3645-001)
 5X SIZE 8 QUADRA



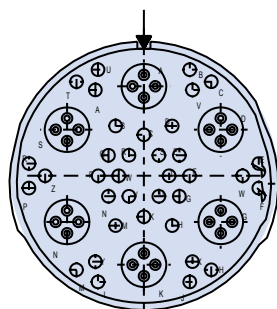
ARRANGEMENT 23Q-06
 (IAW PREN 3645-001)
 6X SIZE 8 QUADRA



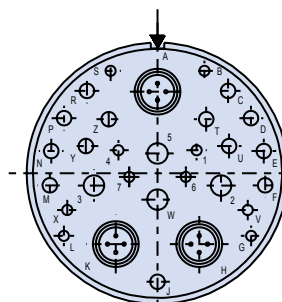
ARRANGEMENT 25Q-07
 97X SIZE 22
 2X SIZE 8 QUADRA



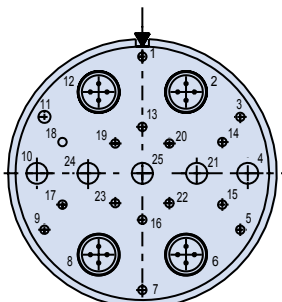
ARRANGEMENT 25Q-08
 8X SIZE 8 QUADRA



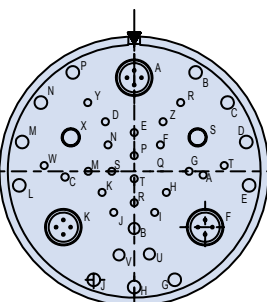
ARRANGEMENT 25Q-17
 36X SIZE 22
 6X SIZE 8 QUADRA



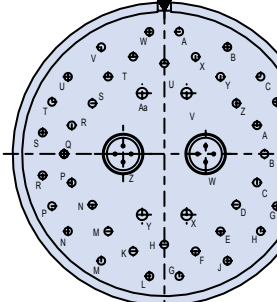
ARRANGEMENT 25Q-20
 (IAW PREN 3645-001)
 10X SIZE 20
 13X SIZE 16
 4X SIZE 12
 3X SIZE 8 QUADRA



ARRANGEMENT 25Q-26
 (IAW PREN 3645-001)
 16X SIZE 20, 5X SIZE 12
 4X SIZE 8 QUADRA



ARRANGEMENT 25Q-41
 22X SIZE 22D, 3X SIZE 20
 11X SIZE 16, 2X SIZE 12



ARRANGEMENT 25Q-46
 40X SIZE 20
 4X SIZE 16

Mating Face of Pin Insert Shown

