



Allen Electric Connector Sales, Inc.



MIL-DTL-38999 INSERT ARRANGEMENTS

All insert arrangements show engaging view of pin insert.

SHELL SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

SHELL SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

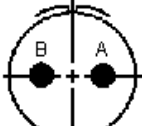
Insert arrangements for all MIL-DTL-38999 Series I, II and III are the same. For Series I and II, the insert arrangements are made by combining shell size (first two numbers) and the insert arrangement number (last two numbers). For example, a MS27468T23F35PC connector combines shell size 23 with the insert 35 for a 2335 insert arrangement in the MIL-DTL-38999 insert arrangement. For Series III, the insert arrangements are made by converting the shell size code to its shell size number (first two numbers) and combining it with the insert arrangement number (last two numbers). Insert arrangements are shown in numerical order by shell size and number of contacts in each shell size.



0935/0835
A35,
(6 #22D M size contacts)



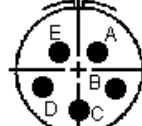
0998/0898
A98,
(3 #20 I size contacts)



1102
B02,
(2 #16 I size contacts)



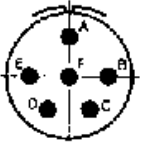
1104
B04,
(4 #20 I size contacts)



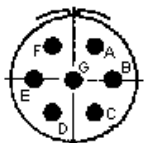
1105/1005
B05,
(5 #20 I size contacts)



1135/1035
B35,
(13 #22D M size contacts)



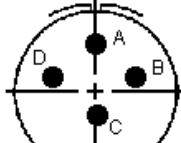
1198/1098
B98,
(6 #20 I size contacts)



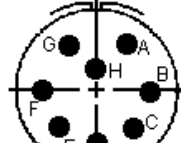
1199/1099
B99,
(7 #20 I size contacts)



1203
C03,
(3 #16 II size contacts)



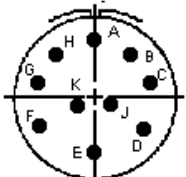
1304/1204
C04,
(4 #16 I size contacts)



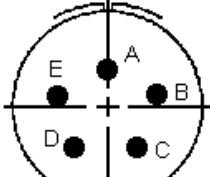
1308/1208
C08,
(8 #20 I size contacts)



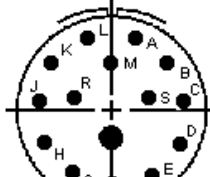
1335/1235
C35,
(22 #22D M size contacts)



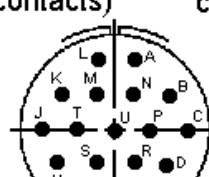
1398/1298
C98,
(10 #20 I size contacts)



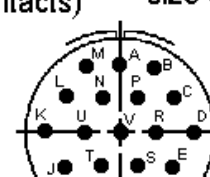
1505/1405
D05,
(5 #16 II size contacts)



1515/1415
D15,
(1 #16 size and 14 #20 I size contacts)



1518/1418
D18,
(18 #20 I size contacts)



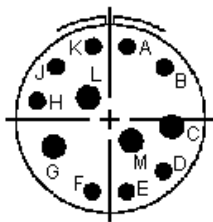
1519
D19,
(19 #20 I size contacts)



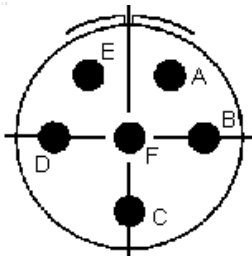
1535/1435
D35,
(37 #22D M size contacts)

C	D
005	0.0
008	0.0
015	0.0
020	0.0
025	0.0
030	0.0
035	0.0
040	0.0
045	0.0
050	0.0

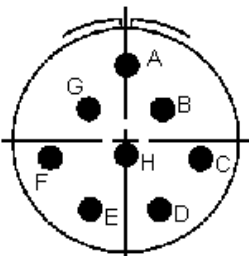
C	D
005	0.0
008	0.0
015	0.0
020	0.0
025	0.0
030	0.0
035	0.0
040	0.0
045	0.0
050	0.0



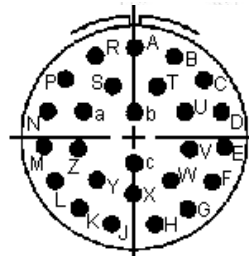
1597/1497
D97,
(4 #16 size and
8 #20 I size contacts)



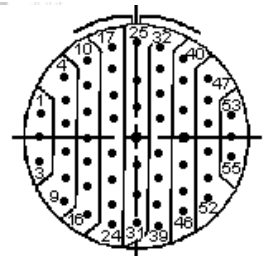
1706/1606
E06,
(6 #12 I size
contacts)



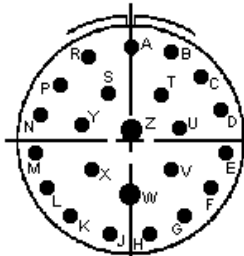
1708/1608
E08,
(8 #16 II size
contacts)



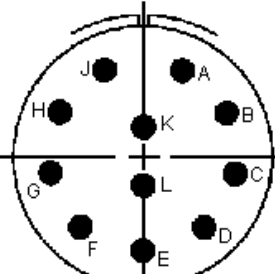
1726/1626
E26,
(26 #20 I size
contacts)



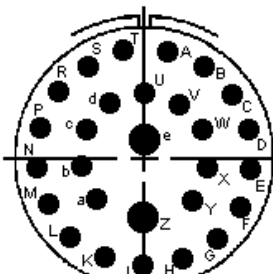
1735/1635
E35,
(55 #22 D M
size contacts)



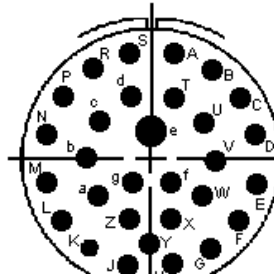
1799/1699
E99,
(2 #16 size and
21 #20 I size contacts)



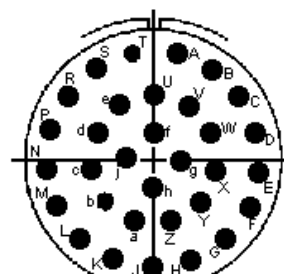
1911/1811
F11,
(11 #16 II size
contacts)



1928/1828
F28,
(2 #16 size and
26 #20 I size contacts)

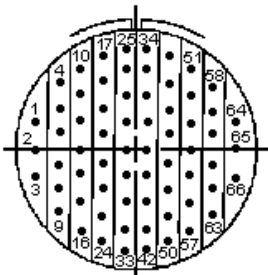


1930/1830
F30,
(1 #16 size and
29 #20 I size contacts)

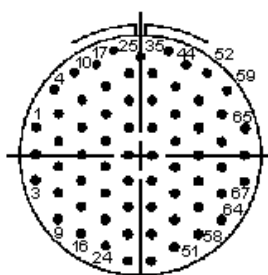


1932/1832
F32,
(32 #20 I size
contacts)

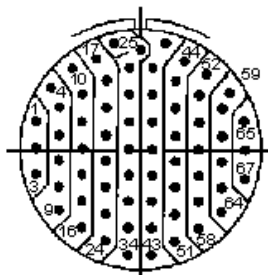
PANEL CUT



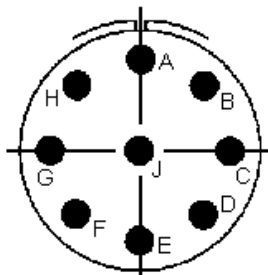
1935/1835
F35,
(66 #22D M size
contacts)



1945
F45,
(67 #22D M size
contacts)



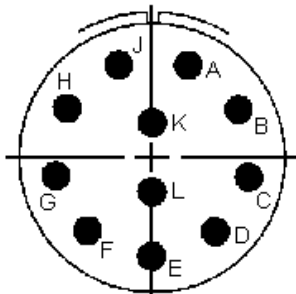
1845
(67 #22D M size
contacts)



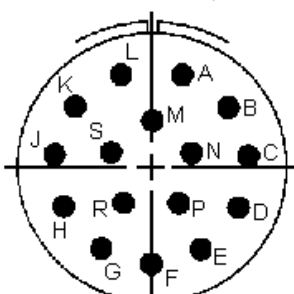
1896
(9 #12 I size
contacts)



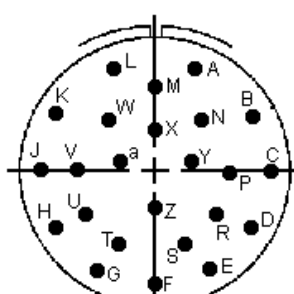
PANEL CUT



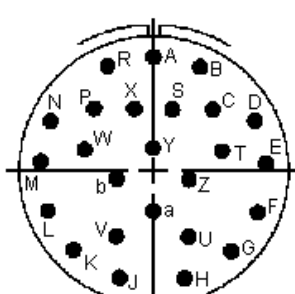
2111
G11,
(11 #12 I size
contacts)



2116/2016
G16,
(16 #16 II size
contacts)



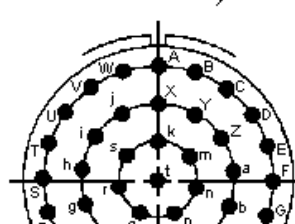
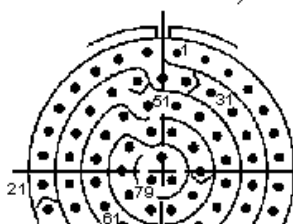
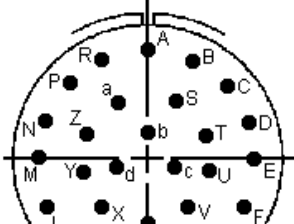
2124/2024
G24,
(24 #20 I size
contacts)



2125/2025
G25,
(25 #20 I size
contacts)



PANEL CUT

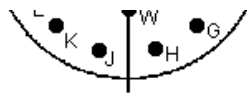


1597	1497	16
1706	1606	16
1708	1608	16
1726	1626	16
1735	1635	16
1799	1699	16
1911	1811	16
1928	1828	16
1930	1830	16
1932	1832	16
1935	1835	16
1945	1845	16
1845	1845	16
1896	1896	16
2111	2011	16
2116	2016	16
2124	2024	16
2125	2025	16
21	21	16

80	1.115	16
92	1.236	16
150	1.363	16
190	1.488	16
275	1.615	16

80	1.115	16
92	1.236	16
150	1.363	16
190	1.488	16
275	1.615	16

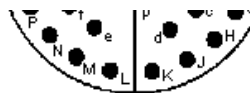
80	1.115	16
92	1.236	16
150	1.363	16
190	1.488	16
275	1.615	16



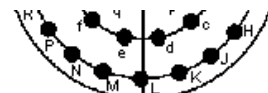
**2127/2027
G27,**
(27 #20 I size
contacts)



**2135/2035
G35,**
(79 #22D M size
contacts)



**2139/2039
G39,**
(2 #16 size and
37 #20 I size contacts)

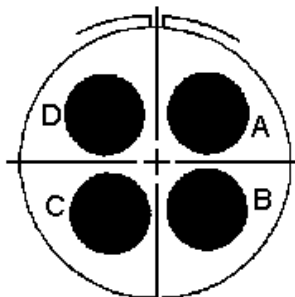


**2141/2041
G41,**
(41 #20 I size
contacts)

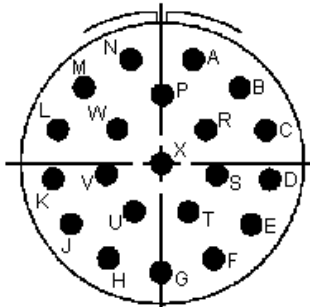
302	1,236	73
350	1,363	73
350	1,488	73
375	1,615	73



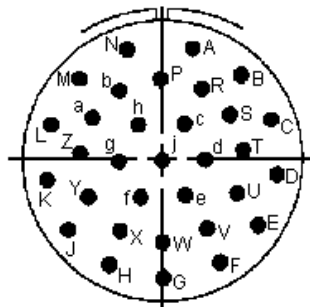
PANEL CUTO



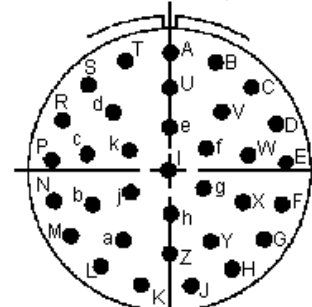
2175
(4 #8 Twinax
contacts)



**2321/2221
H21,**
(21 #16 II size
contacts)



**2332/2232
H32,**
(32 #20 size
contacts)

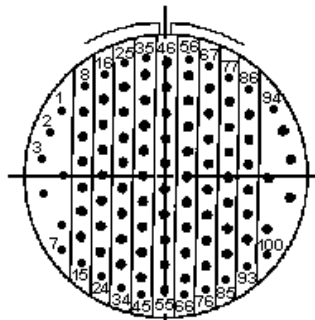


**2334/2234
H34,**
(34 #20 I size
contacts)

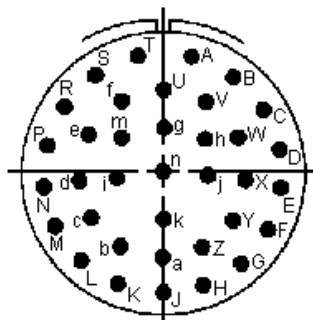
B	C	D
305	1,035	1,0
64	568	11
79	585	11
72	564	11
06	969	73
66	1,115	73
302	1,236	73
350	1,363	73
350	1,488	73
375	1,615	73



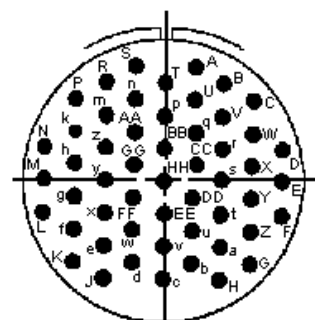
PANEL CUTO



**2335/2235
H35,**
(100 #22D M size
contacts)

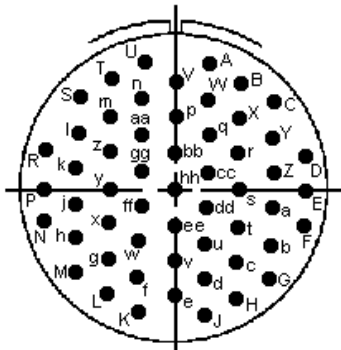


**2336/2236
H36,**
(36 #20 I size
contacts)

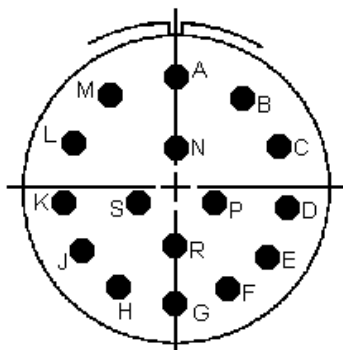


**2353/2253
H53,**
(53 #20 I size
contacts)

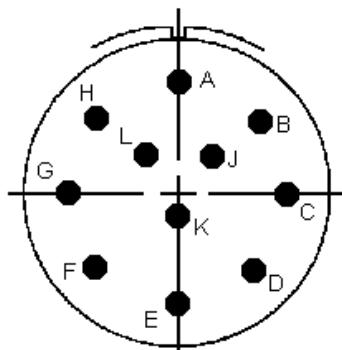
B	C	D
305	1,035	1,0
64	568	11
79	585	11
72	564	11
06	969	73
66	1,115	73
302	1,236	73
350	1,363	73
350	1,488	73
375	1,615	73



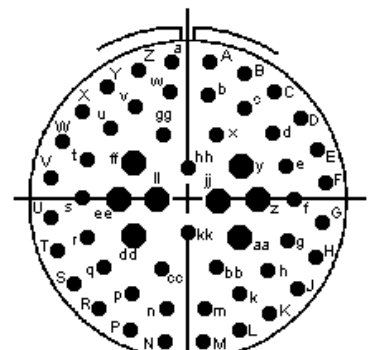
**2355/2255
H55,
(55 #20 I size
contacts)**



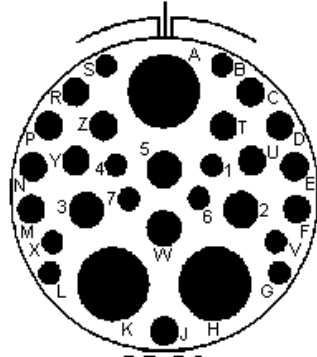
**2397/2297
H97,
(16 #16 I size
contacts)**



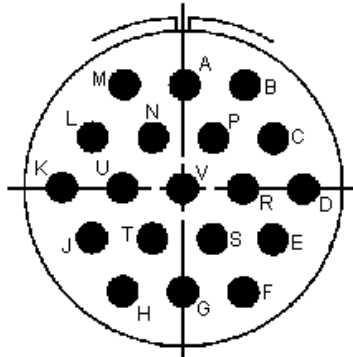
**2399/2299
H99,
(11 #16 II size
contacts)**



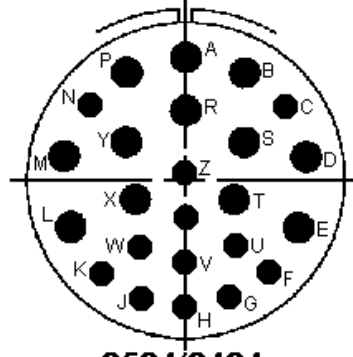
**2504/2404
J04,
(8 #16 size and
48 #20 I size contacts)**



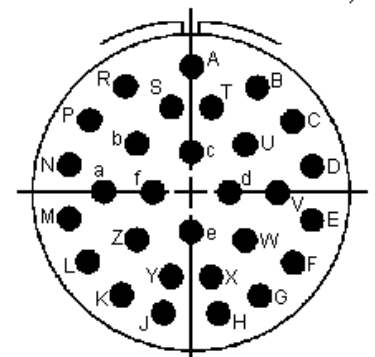
**25-20
(3 #8 Twinax, 4 #12 Coax,
13 #16 size and
10 # 20 size contacts)**



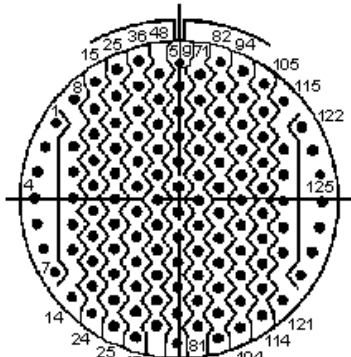
**2519-2419
J19,
(19 #12 I size
contacts)**



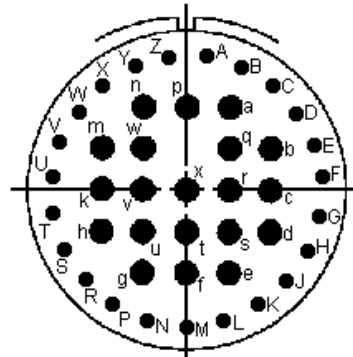
**2524/2424
J24,
(12 #12 size and
12 # 16 I size contacts)**



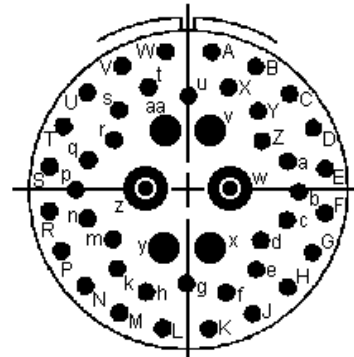
**2529/2429
J29,
(29 #16 I size
contacts)**



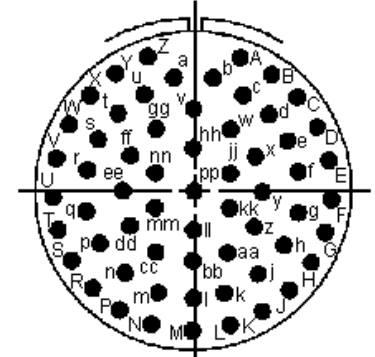
**2535/2435
J35,
(128 #22D M
size contacts)**



**2543
J43,
(20 #16 size and
23 #20 I size
contacts)**

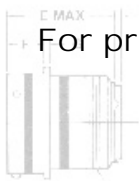


**2546
J46,
(40 # 20 size,
4 #16 size and
2 #8 Coax contacts)**

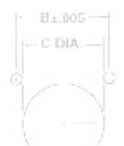


AWG	1.0000	1.1250	1.2500	1.5000	AWG	1.5000	1.7500	2.0000	2.5000	3.0000	3.5000	4.0000
24	1.703	1.375	1.615	1.67	1.276	1.625	1.94	2.12	1.716	8	11H	

AWG	1.0000	1.1250	1.2500	1.5000
24	1.703	1.375	1.615	



For pricing and availability, please fill out our RFQ form



MAX PANEL



If you need any other information, please E-Mail aecs@aecsinc.com



phone (703) 425-3815 fax (703) 425-3814

SHELL SIZE	A	B	C	H	MAX	MIN	MAX	MIN	MAX	MIN
8	820	554	568	120	1.275	445	652	687	12.20 UNF	

SHELL SIZE	A	B	C	H
8	820	554	568	120