



# 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	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125

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	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125

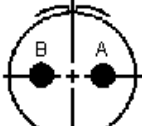
Insert arrangements for all MIL-DTL-38999 Series I, II and III are the same. For Series I and II, the insert arrangements are made by combining shell size (first two numbers) and the insert arrangement number (last two numbers). For example, a MS27468T23F35PC connector combines shell size 23 with the 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)



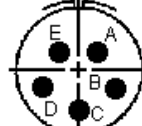
**0998/0898  
A98,**  
(3 #20 I size contacts)



**1102  
B02,**  
(2 #16 I size contacts)



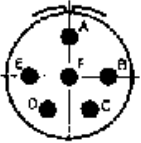
**1104  
B04,**  
(4 #20 I size contacts)



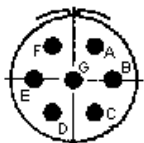
**1105/1005  
B05,**  
(5 #20 I size contacts)



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



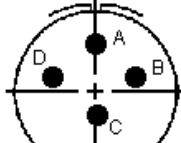
**1198/1098  
B98,**  
(6 #20 I size contacts)



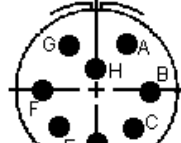
**1199/1099  
B99,**  
(7 #20 I size contacts)



**1203  
C03,**  
(3 #16 II size contacts)



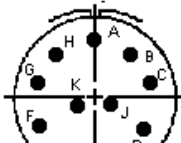
**1304/1204  
C04,**  
(4 #16 I size contacts)



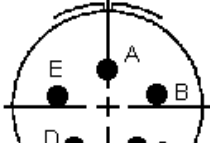
**1308/1208  
C08,**  
(8 #20 I size contacts)



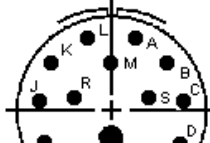
**1335/1235  
C35,**  
(22 #22D M size contacts)



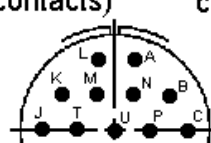
**1398/1298  
C98,**  
(10 #20 I size contacts)



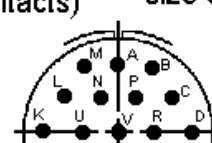
**1505/1405  
D05,**  
(5 #16 II size contacts)



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



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



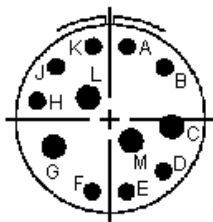
**1519  
D19,**  
(19 #20 I size contacts)



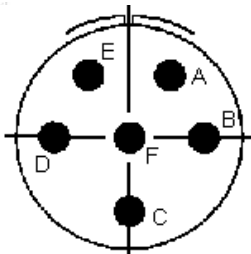
**1535/1435  
D35,**  
(37 #22D M size contacts)

C	D
005	0.0
008	0.0
015	0.0
024	0.0
035	0.0
048	0.0
063	0.0
081	0.0
102	0.0
126	0.0
155	0.0
189	0.0
229	0.0
276	0.0
331	0.0
394	0.0
465	0.0
545	0.0
634	0.0
732	0.0
840	0.0
958	0.0

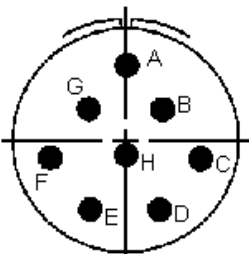
C	D
005	0.0
008	0.0
015	0.0
024	0.0
035	0.0
048	0.0
063	0.0
081	0.0
102	0.0
126	0.0
155	0.0
189	0.0
229	0.0
276	0.0
331	0.0
394	0.0
465	0.0
545	0.0
634	0.0
732	0.0
840	0.0
958	0.0



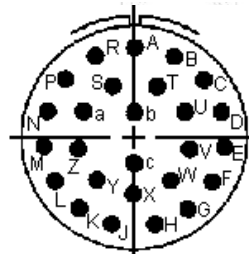
**1597/1497**  
**D97,**  
(4 #16 size and  
8 #20 I size contacts)



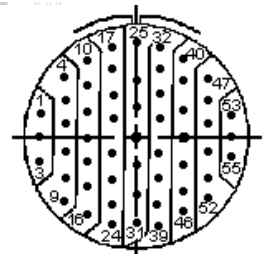
**1706/1606**  
**E06,**  
(6 #12 I size  
contacts)



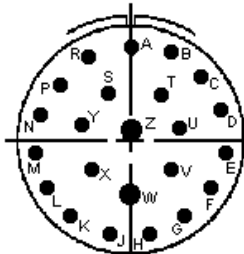
**1708/1608**  
**E08,**  
(8 #16 II size  
contacts)



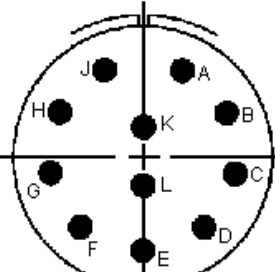
**1726/1626**  
**E26,**  
(26 #20 I size  
contacts)



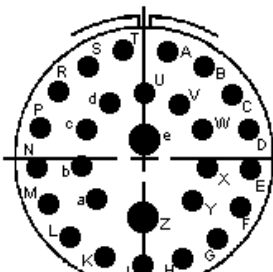
**1735/1635**  
**E35,**  
(55 #22 D M  
size contacts)



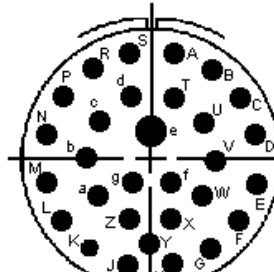
**1799/1699**  
**E99,**  
(2 #16 size and  
21 #20 I size contacts)



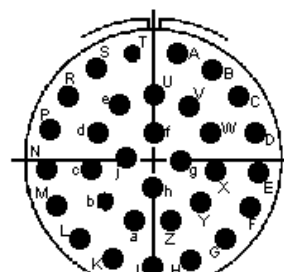
**1911/1811**  
**F11,**  
(11 #16 II size  
contacts)



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

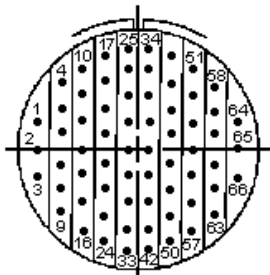


**1930/1830**  
**F30,**  
(1 #16 size and  
29 #20 I size contacts)

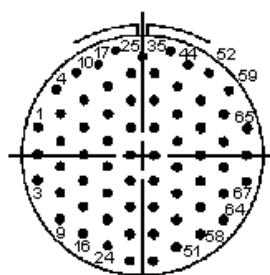


**1932/1832**  
**F32,**  
(32 #20 I size  
contacts)

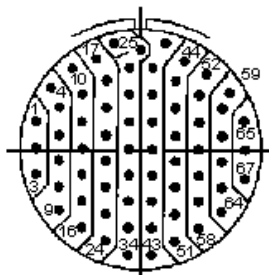
PANEL CUT



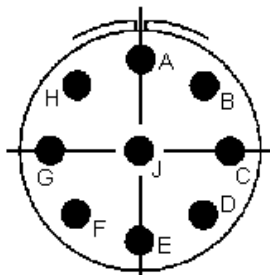
**1935/1835**  
**F35,**  
(66 #22D M size  
contacts)



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



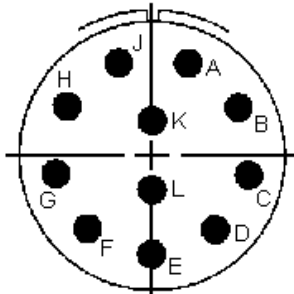
**1845**  
(67 #22D M size  
contacts)



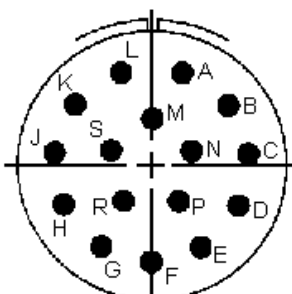
**1896**  
(9 #12 I size  
contacts)



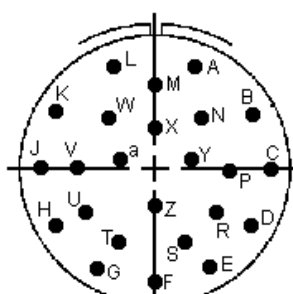
PANEL CUT



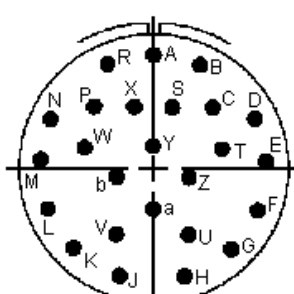
**2111**  
**G11,**  
(11 #12 I size  
contacts)



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



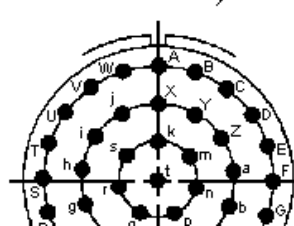
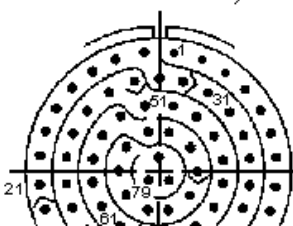
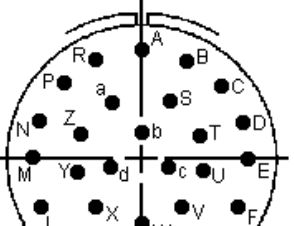
**2124/2024**  
**G24,**  
(24 #20 I size  
contacts)



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



PANEL CUT



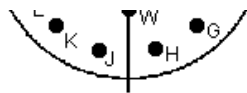
1597	1497	16
1706	1606	12
1708	1608	16
1726	1626	26
1735	1635	55

1799	1699	21
1911	1811	11
1928	1828	26
1930	1830	29
1932	1832	32

1935	1835	66
1945	1845	67
1845	1845	67
1896	1896	9

2111	2011	11
2116	2016	16
2124	2024	24
2125	2025	25

21	21	21
21	21	21
21	21	21
21	21	21



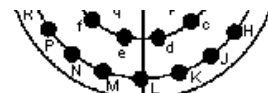
**2127/2027  
G27,**  
(27 #20 I size  
contacts)



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



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

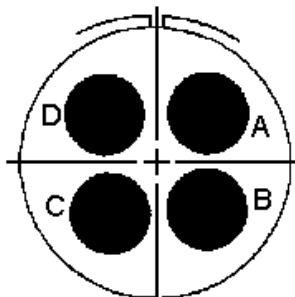


**2141/2041  
G41,**  
(41 #20 I size  
contacts)

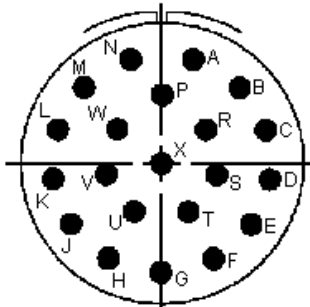
302	1,236	73
350	1,363	73
500	1,488	73
875	1,615	73



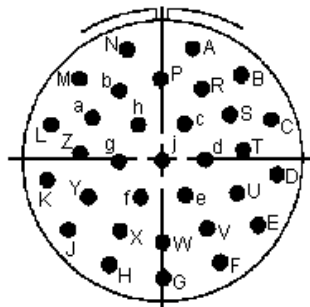
PANEL CUTOUT



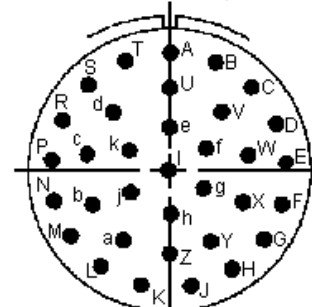
**2175**  
(4 #8 Twinax  
contacts)



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



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

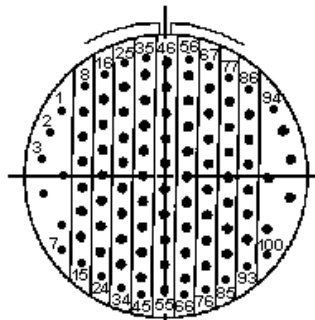


**2334/2234  
H34,**  
(34 #20 I size  
contacts)

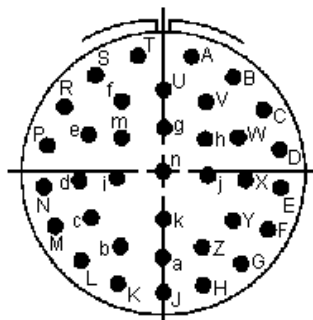
B	C	D
305	1,035	1,0
64	568	11
79	585	11
72	564	11
06	969	73
66	1,115	73
302	1,236	73
350	1,363	73
500	1,488	73
875	1,615	73



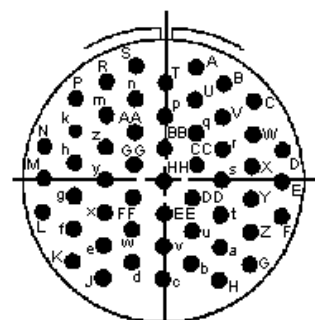
PANEL CUTOUT



**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
500	1,488	73
875	1,615	73

