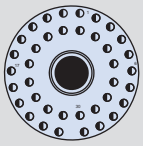
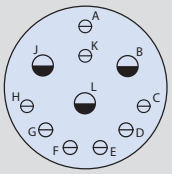
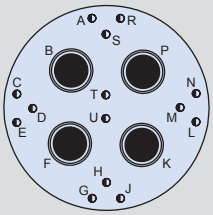
MIL-DTL-38999 Series III and IV

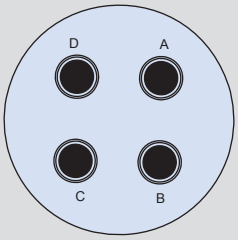
MIL-STD-1560 high-speed contact arrangements - pin front view
For environmental connectors only

Contact Legend
#22D ⊙ #16 ⊕
#20 ⊖ #12 ◒
#8 ●



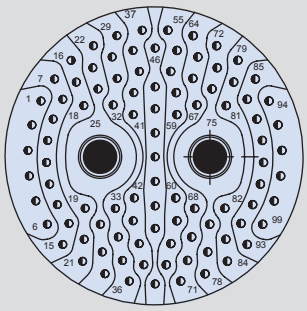


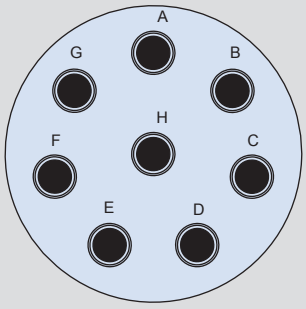


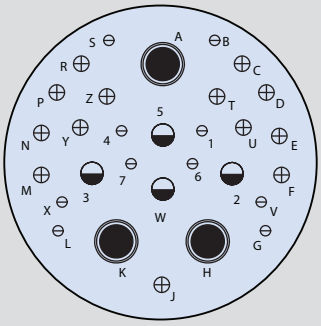


Insert Arrangement	E2		E11			F18		G75
No. of Contacts	1x #8	38x #22D	1x 12	2x 12	8x 20	4x #8	14x #22D	4x #8
Service Rating	Twinax	M	Coax	Twinax	N	Twinax	M	Twinax

Contact Legend
#22D ⊙ #16 ⊕
#20 ⊖ #12 ◒
#8 ●

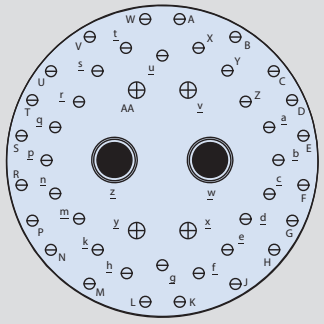






Insert Arrangement	J7		J8	J20			
No. of Contacts and Size	2x #8	97x #22D	8x #8	3x #8	4x #12	13x #16	10x #20
Service Rating	Twinax	M	Twinax	Twinax	Co-ax	N	N

Contact Legend
#22D ⊙ #16 ⊕
#20 ⊖ #12 ◒
#8 ●



Insert Arrangement	J46			J90		
No. of Contacts and Size	2x #8	4x #16	40x #20	2x #8	4x #16	40x #20
Service Rating	Coax	I	I	Twinax	I	I

J46 and J90 share same layout, with the exception of the size #8 contact

Max Current Rating (Amps)				
Contact Size	22D	20	16	12
Environ.	3			
Coaxial Contacts: 1 amp				
Twinax Contacts: 1 Amp				

Contact Arrangements					
Number of Contacts					D38999
#22D	#20	#16	#12	#8	Sr III & IV
38				1	E2
14				4	F18
				4	G75
97				2	J7
				8	J8
	10	13	4	3	J20
	40	4		2	J46
	40	4		2	J90

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Dimensions in inches (millimeters) are subject to change without notice