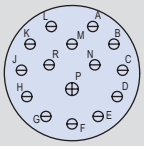
QPL QUALIFIED AND COTS EQUIVALENT

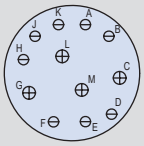
MIL-DTL-38999 Series III and IV

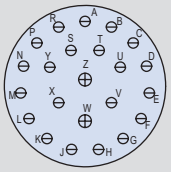
MIL-STD-1560 combo contact arrangements
For environmental and hermetic connectors - pin front view

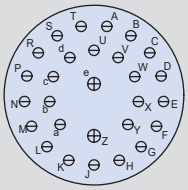
Combo Contact Arrangements				
Contact Size (environmental contacts shown in pictures below)	Number of Contacts			D38999
	#20	#16	#12	Sr III & IV
Size #20 Contacts Environmental: 7.5 Amp Max. Current Hermetic: 5 Amp Max. Current #20-#24 AWG 	14	1		D15
	8	4		D97
	21	2		E99
	26	2		F28
	29	1		F30
	19	4	4	G29
	37	2		G39
	48	8		J4
		12	12	J24
	23	20		J43
Size #16 Contacts Environmental 13 Amp Max. Current Hermetic: 10 Amp Max. Current #16-#20 AWG 				
Size #12 Contacts Environmental 23 Amp Max. Current Hermetic: 17 Amp Max. Current #12-#14 AWG 				

Contact Legend
#22D • #16 ⊕
#20 ⊖ #12 ◒



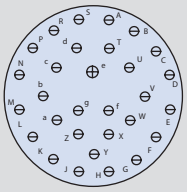


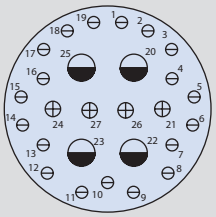


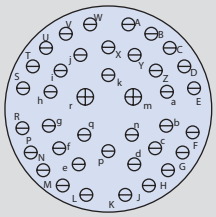


	D15		D97		E99		F28	
Insert Arrangement								
No. of Contacts and Size	1X #16	14X #20	4X #16	8X #20	2X #16	21X #20	2X #16	26X #20
Service Rating	I		I		I		I	

Contact Legend
#22D • #16 ⊕
#20 ⊖ #12 ◒

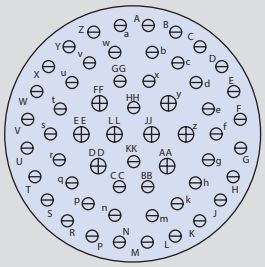


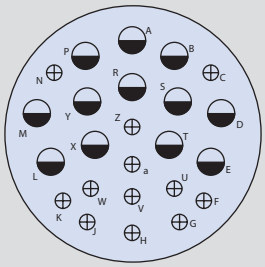


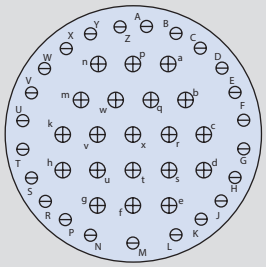


	F30		G29			G39	
Insert Arrangement							
No. of Contacts and Size	1X #16	29X #20	4x #12	4X #16	19X #20	2X #16	37X #20
Service Rating	I		I			I	

Contact Legend
#22D • #16 ⊕
#20 ⊖ #12 ◒







	J4		J24		J43	
Insert Arrangement						
No. of Contacts and Size	8X #16	48X #20	12X #12	12X #16	20X #16	23X #20
Service Rating	I		I		I	

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