

QPL QUALIFIED AND COTS EQUIVALENT MIL-DTL-38999 Series III and IV

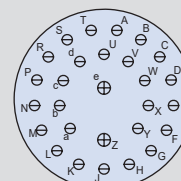
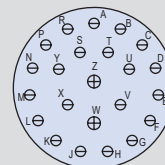
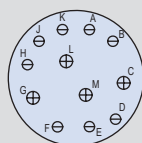
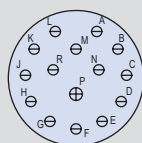


MIL-STD-1560 combo contact arrangements For environmental and hermetic connectors - pin front view

REFERENCE INFORMATION

Combo Contact Arrangements						
Contact Size (environmental contacts shown in pictures below)			Number of Contacts			D38999 Sr III & IV
			#20	#16	#12	
Size #20 Contacts Environmental: 7.5 Amp Max. Current Hermetic: 5 Amp Max. Current #20-#24 AWG 	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 	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

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

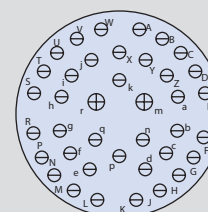
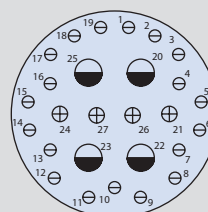
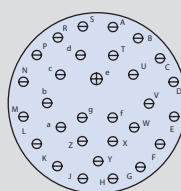


Insert Arrangement

No. of Contacts and Size
Service Rating

D15	D97	E99	F28
1X #16	4X #16	2X #16	2X #16
14X #20	8X #20	21X #20	26X #20
I	I	I	I

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

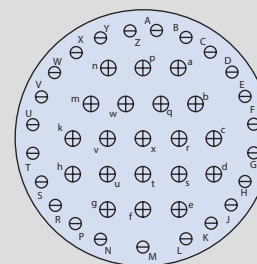
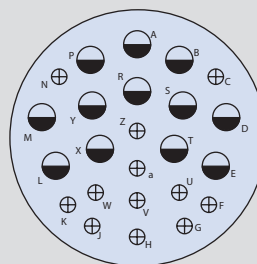
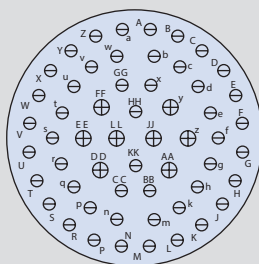


Insert Arrangement

No. of Contacts and Size
Service Rating

F30	G29	G39
1X #16	4X #16	2X #16
29X #20	19X #20	37X #20
I	I	I

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



Insert Arrangement

No. of Contacts and Size
Service Rating

J4	J24	J43
8X #16	12X #16	20X #16
48X #20	12X #12	23X #20
I	I	I