

QPL QUALIFIED
MIL-DTL-38999 Series IV, Breech Coupling
38999/43 jam-nut mount receptacle



QPL Part Number Development						
Sample Part Number		D38999/43	Y	B	35	P N
D38999	38999/43 = Jam-Nut receptacle					
Class	N = Hermetic, CRES, nickel finish, conductive, -65°C to 200°C Y = Hermetic, CRES, passivate finish, conductive, -65°C to 200°C					
Shell Size	B, C, D, E, F, G, H, J					
Insert Arrangement	Per MIL-STD-1560; See reference information section for details					
Contact Style	P = Pin, solder cup X = Pin, eyelet C = Pin, PCB flex feedthrough S = Socket, solder cup Z = Socket, eyelet D = Socket, PCB flex feedthrough					
Polarization	N (Normal), A, B, C, D, K, L, M, R; see polarization positions table					



Polarization Position									
	N	A	B	C	D	K	L	M	R
XX	110°	100°	90°	80°	70°	120°	120°	120°	120°
YY	250°	260°	270°	280°	290°	255°	265°	275°	285°

Wire Accommodation	
Contact Size	Wire Gauge
22D	#22 - #28
20	#20 - #24
16	#16 - #20
12	#12 - #14

Contact Size	
FEEDTHROUGH CONTACT STYLE C AND D	
SIZE 12 AND SIZE 16 .050 ± .015 (1.27 ± 0.38)	
SIZE 22D AND SIZE 20	
Contact Size	ø P
22D	.011 (0.28) .015 (0.38)
20	.024 (0.61) .028 (0.71)
16	.0635 (1.61) .0615 (1.56)
12	.095 (2.41) .093 (2.36)

