

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



Pin contact selection guide for environmental connectors

SERIES III AND IV CONTACTS AND TOOLS

AS39029 Pin Contacts for 38999 Series III and IV

Wire Size	Contact Size	M39029 Part Number	Glenair Part Number	Crimp Tools				BIN	Tool Code
				Crimper		Positioner			
				M22520 Part Number	Glenair Part Number	M22520 Part Number	Glenair Part Number		
#22 - #28	#22D	M39029/58-360	850-002-22-360	M22520/2-01	809-015	M22520/2-09	K42 (Daniels)	360	A, C
#20 - #24	#20	M39029/58-363	850-002-20-363	M22520/2-01	809-015	M22520/2-10	K43 (Daniels)	363	A, E
#16 - #20	#16	M39029/58-364	850-002-16-364	M22520/1-01	809-136	M22520/1-04	809-137	364	L, M
#12 - #14	#12	M39029/58-365	850-002-12-365	M22520/1-01	809-136	M22520/1-04	809-137	365	L, M

AS39029 Coax Pin Contacts for 38999 Series III and IV

Wire Type	Contact Size	Pin Part Number M39029 P/N (Glenair P/N)	Coax Freq	Crimp Tools				BIN
				Inner Contact		Shield Crimp Sleeve		
				Crimper M22520 P/N (Glenair P/N)	Positioner M22520 P/N (Glenair P/N)	Crimper M2250 P/N (Glenair P/N)	Hex Die/Positioner M2250 P/N (Glenair P/N)	
RG180	#8	M39029/60-367 (852-007-08-367)	700 MHz	M22520/2-01 (809-015)	M22520/2-31 (859-050)	M22520/5-01 (809-129)	M22520/5-05 (859-051)	367
RG174, RG316	#12	M39029/28-211 (852-002-12-211)	700 MHz	M22520/2-01 (809-015)	M22520/2-34 (809-135)	M22520/31-01 (809-133)	M22520/31-02 (809-134)	211
RG316	#12	M39029/102-558 (852-004-12-558)	3 GHz	809-128 (Glenair) MH992 (Daniels)	859-006 (Glenair) K1721 (Daniels)	M22520/5-01 (809-129)	M22520/5-03 (809-130)	558

AS39029 Twinax Pin Contacts for 38999 Series III and IV

Wire Type	Contact Size	Pin Part Number M39029 P/N (Glenair P/N)	Crimp Tools						BIN
			Center Contact		Intermediate Contact		Shield Crimp Sleeve		
			Crimper M22520 P/N (Glenair P/N)	Positioner M22520 P/N (Glenair P/N)	Crimper M22520 P/N (Glenair P/N)	Hex Die M22520 P/N (Glenair P/N)	Crimper M22520 P/N (Glenair P/N)	Hex Die M22520 P/N (Glenair P/N)	
M17/176-00002 and Raychem 10612	#8	M39029/ (853-001-08-529)	M22520/2-01 (809-015)	M22520/2-37 (809-240)	M22520/5-01 (809-129)	M22520/5-105 (859-048)	M22520/5-01 (809-129)	M22520/5-105 (859-048)	625
	#12	02004-936 853-008-1	809-128 MH992 (DMC)	859-125 (K1365 DMC)	859-126 (GS212)	859-127 (GP1437)	M22520/31-01 (809-133) (GS200-1 DMC)	859-128 (GP959 DMC)	936

BIN Color Coding

0 BLACK	1 BROWN	2 RED	3 ORANGE	4 YELLOW	5 GREEN	6 BLUE	7 VIOLET	8 GREY	9 WHITE
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