

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



Socket contact selection guide for environmental connectors

SERIES III AND IV CONTACTS AND TOOLS

AS39029 Socket Power Contacts for 38999 Series III and IV

Wire Size	Contact Size	M38039 Part Number	Glenair Part Number	Crimp Tools				BIN
				Crimper		Positioner		
				M22520 Part Number	Glenair Part Number	M22520 Part Number	Glenair Part Number	
#12 - #14	#12	M39029/56-353	850-001-12-353	M22520/1-01	809-136	M22520/1-04	809-137	353
#16 - #20	#16	M39029/56-352	850-001-16-352	M22520/1-01	809-136	M22520/1-04	809-137	352
#20 - #24	#20	M39029/56-351	850-001-20-351	M22520/2-01	809-015	M22520/2-10	K43 (Daniels)	351
#22 - #28	#22D	M39029/56-348	850-001-22-348	M22520/2-01	809-015	M22520/2-09	K40 (Daniels)	348

AS39029 Coax Socket Contacts for 38999 Series III and IV

Wire Size	Contact Size	Socket 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 M22520 P/N (Glenair P/N)	Hex Die/ Positioner M22520 P/N (Glenair P/N)	
RG180	#8	M39029/59-366 (852-006-08-366)	700 MHz	M22520/2-01 (809-015)	M22520/2-31 (859-050)	M22520/5-01 (809-129)	M22520/5-05 (859-051)	366
RG174, G316	#12	M39029/75-416 (852-003-12-416)	700 MHz	M22520/2-01 (809-015)	M22520/2-34 (859-135)	M22520/31-01 (809-133)	M22520/31-02 (809-134) Positioner	416
RG316	#12	M39029/103-559 (852-005-12-559)	3GHz	809-128 (Glenair) MH992 (Daniels)	859-006 (Glenair) K1721 (Daniels)	M22520/5-01 (809-129)	M22520/5-03 (809-130)	558

AS39029 Concentric Twinax Socket Contacts for 38999 Series III and IV

Wire Size	Contact Size	Socket 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 AS22520 P/N (Glenair P/N)	Hex Die M22520 P/N (Glenair P/N)	
M17/176-00002 and Raychem 10612	#8	M39029/91-530 (853-002-08-530)	(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	02003-926 (853-009-1)	809-128 (MH992 DMC)	859-125 (K1365 DMC)	859-126 (GS212 DMC)	859-127 (GP1437 DMC)	M22520/31-01 (809-133) (GS200-1 DMC)	859-128 (GP959 DMC)	926

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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Mouser Electronics

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[809-137](#)