

## Crimp Contacts

Contact Size	Type	AMPS	Wire Size AWG	Part Number	Color Band		
					1st	2nd	3rd
#23	Pin	5	#22-#28	<b>2M809-001</b>	N/A	N/A	N/A
	Pin		#26-#30	<b>2M809-042*</b>	Blue	N/A	N/A
	Socket		#22-#28	<b>2M809-002</b>	N/A	N/A	N/A
	Socket		#26-#30	<b>2M809-043*</b>	Blue	N/A	N/A
#20HD	Pin	7.5	#20-#24	<b>2M809-204</b>	N/A	N/A	N/A
	Socket		#20-#24	<b>2M809-205</b>	N/A	N/A	N/A
#20	Pin	7.5	#20-#24	<b>M39029/58-363</b>	Orange	Blue	Orange
	Socket		#20-#24	<b>M39029/57-357</b>	Orange	Green	Violet
#16	Pin	13	#16-#20	<b>M39029/58-364</b>	Orange	Blue	Orange
	Socket		#16-#20	<b>M39029/57-358</b>	Orange	Green	Gray
#12	Pin	23	#12-#14	<b>M39029/58-365</b>	Orange	Blue	Green
	Socket		#12-#14	<b>M39029/57-359</b>	Orange	Green	White



\*Special order please consult Amphenol-Aerospace for information.

## Contact Tools

Contact Size	Crimper	Tooling Part Numbers	
		Positioner	Insertion/ Removal Number
#23	M22520/2-01	K1461-1* (Daniels)	DAK225-22* (Daniels Insertion Only)
			2M809-23R (Removal only)
#20HD	M22520/2-01	2M809-206	2M809-20HDR (Removal only)
#20	M22520/1-01	M22520/1-04	M81969/14-10
#16	M22520/1-01	M22520/1-04	M81969/14-03
#12	M22520/1-01	M22520/1-04	M81969/14-04

\*Daniels Manufacturing Co. part number

## Crimp Tensile Strength

Contact Size	Wire Gage	Silver or Tin Coated Copper Wire	Nickel Coated Copper Wire
#23, #20HD	#22	12	8
#23, #20HD	#24	8	6
#23	#26	5	3
#23	#28	3	2
#23	#30	1.5	1.5

Tensile Strength for size #23 and #20HD only  
Values represent minimums and are in pounds

## Series 2M Torque Values

Shell Size Series 2M801, 2M803	Shell Size Series 2M805	Coupling Torque				Jam Nut Tightening				Backshell Tightening			
		In-LBs.		N-m		In-LBs.		N-m		In-LBs.		N-m	
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
5	-	25	35	2.8	4.0	20	25	2.2	2.8	13	17	1.5	1.9
6	8	35	40	4.0	4.5	20	25	2.2	2.8	18	22	2.0	2.5
7	9	35	40	4.0	4.5	20	25	2.2	2.8	30	40	3.4	4.5
8	10	40	50	4.5	5.7	20	25	2.2	2.8	30	40	3.4	4.5
9	11	40	50	4.5	5.7	20	25	2.2	2.8	35	45	4.0	5.1
10	12	50	60	5.7	6.8	25	30	2.8	3.3	35	45	4.0	5.1
12, 13	15	50	60	5.7	6.8	25	30	2.8	3.3	35	45	4.0	5.1
14, 16	18	55	65	6.2	7.3	25	30	2.8	3.3	35	45	4.0	5.1
15, 17	19	55	65	6.2	7.3	25	30	2.8	3.3	35	45	4.0	5.1
21	23	55	65	6.2	7.3	25	30	2.8	3.3	35	45	4.0	5.1

# Mouser Electronics

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