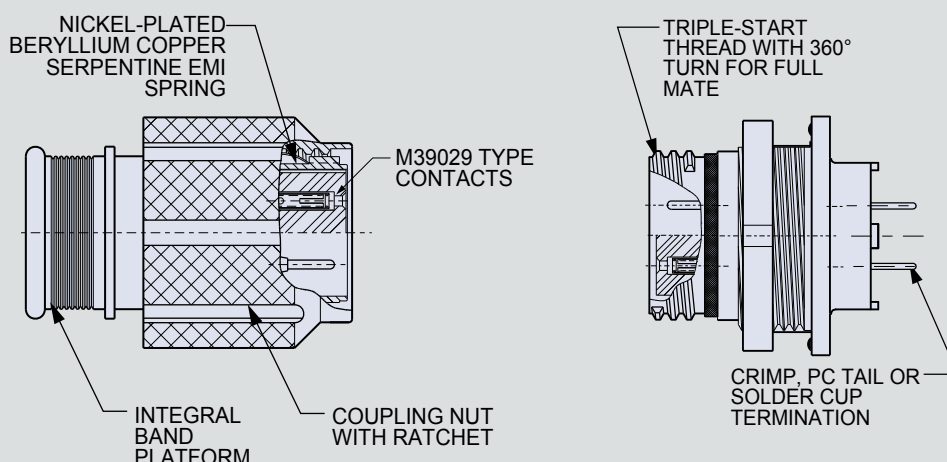


SERIES 805 TRIPLE-START ACME THREAD Mighty Mouse Connectors and Cables

Performance Specifications



CONNECTOR FEATURES



Size Comparison: Series 805 Versus D38999 Series III

Layout	Number of Contacts	D38999 Layout	Number of Contacts	Maximum Plug Diameter			Maximum Jam-Nut Receptacle Diameter		
				Series 805	D38999	% Reduction	Series 805	D38999	% Reduction
8-7	7 #23	9-35	6 #20	.707 (17.96)	.859 (21.82)	17%	.775 (19.68)	1.201 (30.51)	35%
10-13	13 #23	11-35	13 #22D	.804 (20.42)	.969 (24.61)	18%	.895 (22.73)	1.386 (35.20)	35%
11-19	19 #23	13-35	19 #22D	.933 (23.70)	1.141 (28.98)	20%	.960 (24.38)	1.512 (38.40)	36%
12-26	26 #23	17-26	26 #20	.999 (25.37)	1.391 (35.33)	29%	1.075 (27.30)	1.764 (44.81)	39%
15-37	37 #23	15-35	37 #22D	1.113 (28.27)	1.266 (32.16)	13%	1.218 (30.94)	1.638 (41.61)	26%
18-55	55 #23	17-35	55 #22D	1.308 (33.22)	1.391 (35.33)	7%	1.404 (35.66)	1.764 (44.81)	20%
19-85	85 #23	21-35	85 #22D	1.328 (33.73)	1.625 (41.28)	19%	1.465 (37.21)	2.075 (52.71)	29%
23-130	130 #23	25-35	128 #22D	1.577 (40.06)	1.875 (47.63)	16%	1.720 (43.69)	2.323 (59.00)	26%

Materials and Finishes

Shells, Jam-Nuts	Aluminum alloy or stainless steel
Contacts	Copper alloy, 50 µinch gold plated
Insulators	High-grade rigid dielectric
Contact Retention Clip	Beryllium copper alloy
Seal, O-rings, Grommet	Fluorosilicone rubber
Spring	Nickel-plated beryllium copper

See Series 80 General Information for complete material and finish specs.

Specifications

Current Rating	#23-5 A, #20HD-7.5 A, #16-13 A, #12-23 A
D.W.V.	#23-750 VAC, #20HD-1000 VAC #12 and #16-1800 VAC
I.R.	5000 megohms minimum
Operating Temperature	-65° C. to +175° C.
Shock	300 g.
Vibration	37 g.
Shielding Effectiveness	55 dB minimum low frequency from 100MHz to 1000MHz. and 65 dB minimum high frequency from 1 GHz to 10GHz.
Magnetic Permeability	2.0 µ maximum
Durability	500 mating cycles