

804-030

Series 804 Push-Pull High Speed Mighty Mouse
Jam-Nut Mount #23 PCB or Solder Cup Receptacle
Crimp Rear Release • Ordering Information

High Speed
Mighty Mouse

**Series 804 Printed
Circuit Board Receptacle**

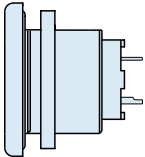
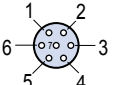
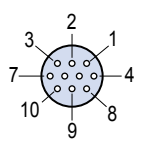
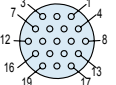
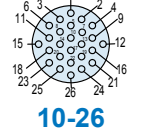
Panel Mount Receptacles feature factory-installed non-removable contacts. Choose solder cup or printed circuit board terminals. Available in front or rear panel mount versions.

Water Immersion, Unmated

Specify **8040-005** connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify **804-020** watertight connectors. These 804-020 connectors are specially sealed ("MOD-518") and are 100% tested to maintain a helium leak rate of 1×10^{-4} cc/second at one atmosphere pressure differential from -40C to +70C.

HOW TO ORDER

Sample Part Number

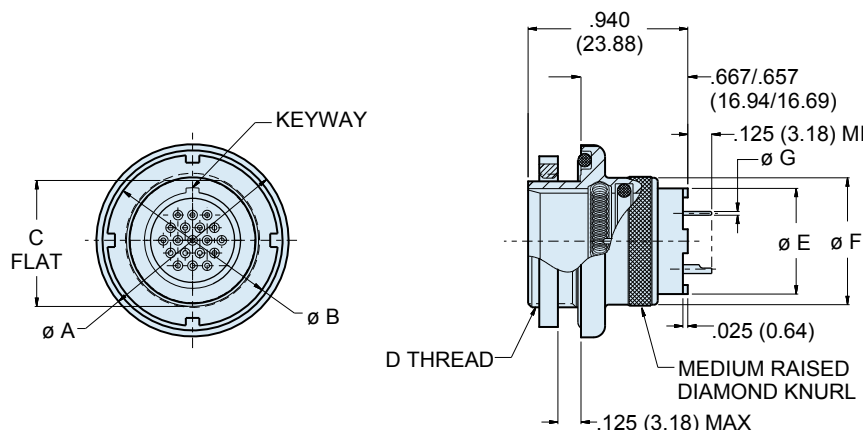
804-030	-07	M	6-4	P	N
Series	Shell Style	Shell Material / Finish	Shell Size- Insert Arrangement	Contact Style	Shell Key Position
804-005 Receptacle for Solder Cup or PCB Termination, With Standard Epoxy Potting	 - 00 Jam Nut, Front Panel	C Aluminum / Black Anodize (Non-Conductive) RoHS Compliant M Aluminum / Electroless Nickel RoHS Compliant NF Aluminum / Olive Drab Cadmium over Electroless Nickel Finish ZN Aluminum / Zinc-Nickel over Electroless Nickel ZNU Aluminum / Zinc-Nickel Black over Electroless Nickel Z1 Stainless Steel / Passivate RoHS Compliant ZB Stainless Steel / Olive Drab Chromate over Cadmium ZC Stainless Steel / Zinc Cobalt Alloy / Black Chromate	 6 - 4  6 - 7  7 - 10  9 - 19  10-26	Connector supplied with contacts P Pin, PC Tail S Socket, PC Tail E Pin, Solder Cupl F Socket, Solder Cup	Omit for Single Master Key A Pos. A (Normal) B Pos. B C Pos. C D Pos. D E Pos. E F Pos. F

Dimensions in Inches (millimeters) are subject to change without notice.



804-030-07

Series 804 Push-Pull High Speed Mighty Mouse Rear Mount Jam-Nut #23 PCB or Solder Cup Receptacle Rear Mount Crimp Rear Release • Ordering Information



Rear Panel Jam Nut
804-030-07

DIMENSIONS

Shell Size	ϕA		ϕB		C Flat		D Threads	ϕE		ϕF		ϕF Tail Dia.
	In.	mm.	In.	mm.	In.	mm.		In.	mm.	In.	mm.	
6	.730	18.54	.625	15.87	.467	14.40	.5000-32 UN-2A	.330	8.38	.483	12.27	.018/.022 (.46/.56)
7	.910	23.11	.750	19.05	.594	15.09	.6250-28 UN-2A	.432	10.97	.570	14.48	
9	1.000	25.40	.812	20.62	.655	16.64	.6875-28 UN-2A	.551	14.00	.685	17.40	
10	1.085	27.48	.875	22.22	.721	18.31	.7500-28 UN-2A	.620	15.75	.725	18.42	

ALTERNATE KEY POSITIONS

Pos.	A°	B°
A	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

REAR MOUNT JAM NUT PANEL CUTOUT

Shell Size	M Flat		ϕN	
	In.	mm.	In. $\pm .005$	mm. ± 0.13
6	.479 .475	12.17 12.07	.510	12.95
7	.606 .602	15.39 15.29	.635	16.13
9	.667 .663	16.94 16.84	.698	17.73
10	.734 .729	18.64 18.52	.760	19.30

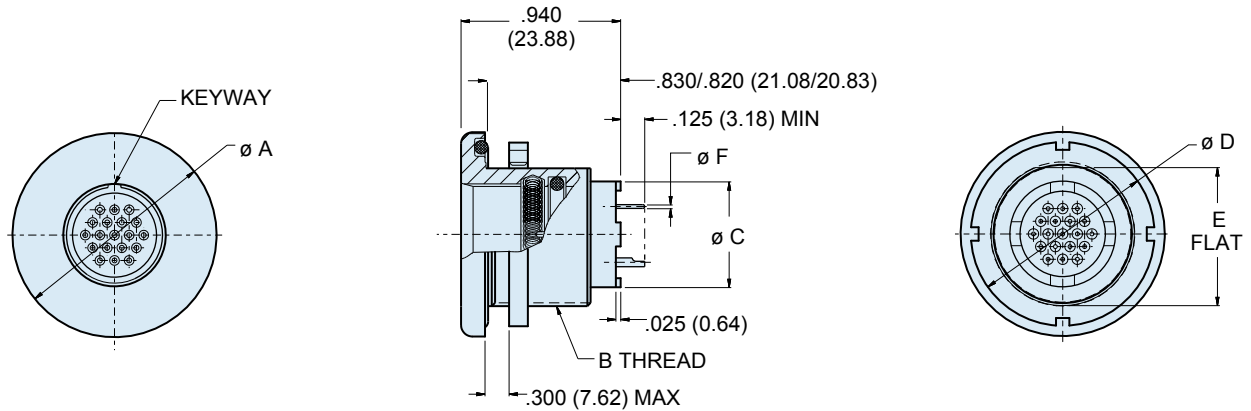
Dimensions in Inches (millimeters) are subject to change without notice.

804-030-00

Series 804 Push-Pull High Speed Mighty Mouse
Front Mount Jam-Nut #23 PCB or Solder Cup Receptacle
Crimp Rear Release • Ordering Information



High Speed
Mighty Mouse



Front Panel Jam Nut
804-030-00

DIMENSIONS										
Shell Size	Ø A		B Threads	Ø C		Ø D		E Flat		Ø F Tail Dia.
	In.	mm.		In.	mm.	In.	mm.	In.	mm.	
6	.885	22.48	.5625-28 UN-2A	.330	8.38	.688	17.47	.530	13.46	.018/.022 (.46/.56)
7	.995	25.27	.6875-28 UN-2A	.432	10.97	.812	20.62	.663	16.84	
9	1.075	27.31	.7500-28 UN-2A	.551	14.00	.875	22.22	.720	18.29	
10	1.140	28.95	.8125-28 UN-2A	.620	15.75	.938	23.82	.788	20.02	

ALTERNATE KEY POSITIONS

	Pos.	A°	B°
	A	150°	210°
	B	75°	210°
	C	95°	230°
	D	140°	275°
	E	75°	275°
	F	95°	210°

FRONT MOUNT JAM NUT PANEL CUTOUT

Shell Size	P Flat		Ø R	
	In. ± .002	mm. ± 0.05	In. ± .005	mm. ± 0.13
6	.542 .538	13.77 13.67	.575	14.61
7	.676 .671	17.17 17.04	.698	17.73
9	.732 .728	18.59 18.49	.760	19.30
10	.801 .796	20.35 20.22	.822	20.88

Dimensions in Inches (millimeters) are subject to change without notice.

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