

Series 804 Push-Pull Mighty Mouse Plug Connector

804-001 & 804-002 Ordering Information



Series 804



Quick Disconnect

These plugs snap securely into receptacle housings and release with a simple pull.

Two Keying Styles

A single master key provides fast mating in low-light situations, or specify three keys for more polarizing options.

Two Shell Styles

Integral platform for shield attachment using the Band-Master™ ATS termination system, or an accessory thread for attaching a strain relief.

How To Order						
Sample Part Number	804-001	-06	NF	9-19	S	A
Series (See Table I)	804-001 = Plug with Banding Platform 804-002 = Plug with Accessory Thread					
Shell Style	-06 = Plug					
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive); RoHS Compliant M = Aluminum / Electroless Nickel; RoHS Compliant MT = Aluminum / Nickel-PTFE RoHS Compliant NF = Aluminum / Cadmium with Olive Drab Chromate ZNU = Aluminum / Zinc-Nickel with Black Chromate Z1 = Stainless Steel / Passivated; RoHS Compliant					
Shell Size - Insert Arrangement	See Contact Arrangements Page G-2					
Contact Type	Connector supplied without Crimp contacts A = Pin, less contacts B = Socket, less contacts Connectors with contacts are supplied with signal and/or power crimp contacts. These contacts are not installed. Coaxial contacts and non-standard signal contacts are ordered separately. Connector supplied with contacts P = Pin Connector S = Socket Connector Connector Supplied with 30 AWG Crimp Barrel G = Pin, Crimp H = Socket, Crimp					
Shell Key Positions (See Table II)	Omit = Single Master Key A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

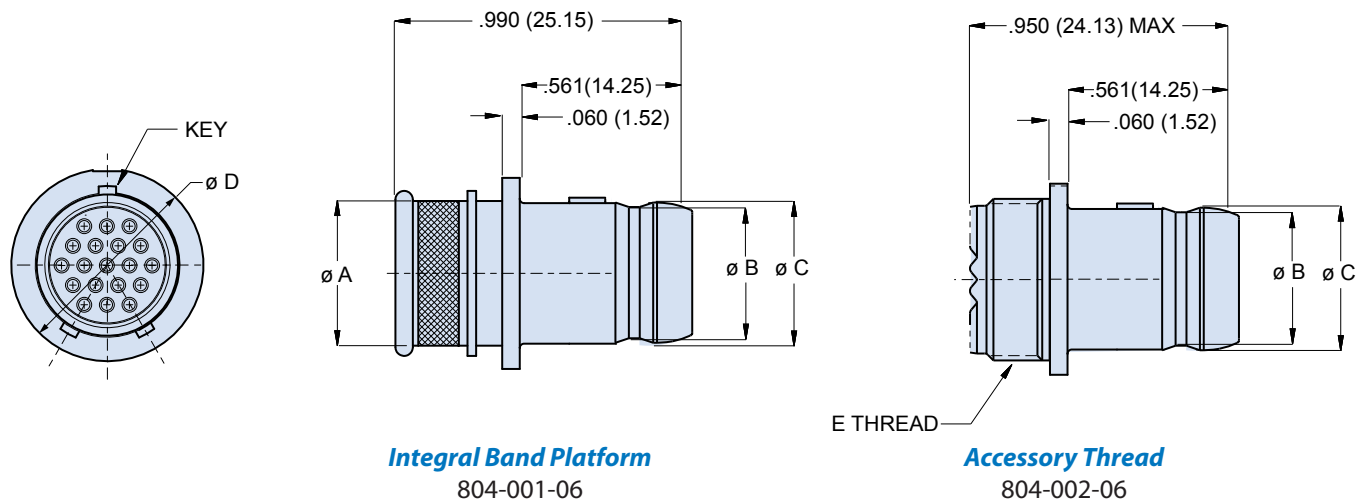
Table I: Series	
804-001 Plug with Banding Platform	804-002 Plug with Accessory Thread

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

Series 804 Push-Pull Mighty Mouse Plug Connector

804-001-06 and 804-002-06 Dimensions

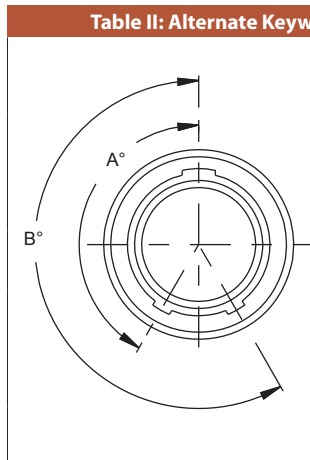
Plug connector



Dimensions									
Shell Size	Ø A		Ø B		Ø C		Ø D Max.		E Threads
	In.	mm.	In.	mm.	In.	mm.	In.	mm.	
5	.246	6.25	.219	5.56	.250	6.35	.427	10.85	.2500-32 UNEF-2A
6	.286	7.26	.282	7.16	.313	7.95	.495	12.57	.3125-32 UNEF-2A
7	.390	9.91	.351	8.92	.383	9.73	.575	14.61	.4375-28 UNEF-2A
8	.442	11.23	.398	10.11	.429	10.90	.614	15.60	.5000-28 UNEF-2A
9	.500	12.70	.454	11.53	.486	12.34	.670	17.02	.5625-24 UNEF-2A
10	.564	14.33	.529	13.44	.563	14.30	.745	18.92	.6250-24 UNEF-2A
11	.608	15.44	.587	14.91	.618	15.70	.795	20.19	.6875-24 UNEF-2A
12	.650	16.51	.646	16.41	.676	17.17	.865	21.97	.6875-24 UNEF-2A
14	.805	20.45	.768	19.51	.800	20.32	.985	25.02	.9375-20 UNEF-2A
15	.850	21.59	.828	21.03	.860	21.84	1.041	26.44	.9375-20 UNEF-2A

Table II: Alternate Keyway Positions

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



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Series 804 Push-Pull Mighty Mouse Quick-Disconnect Connectors Contact Arrangements



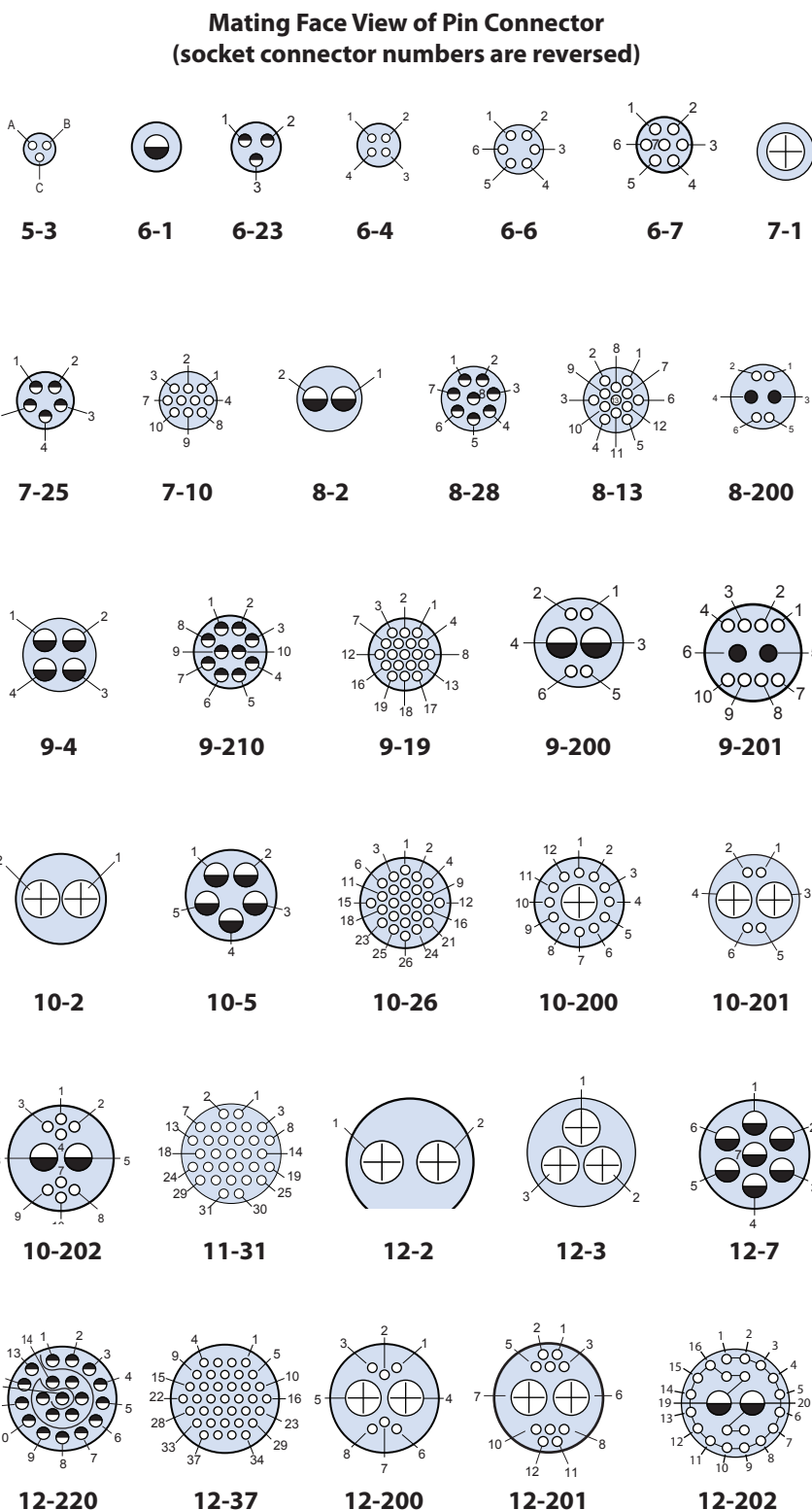
Series 804

Contact Arrangements					
Contact Arr.	No. of Contacts				
	#23	#20	#20HD	#16	#12*
5-3	3				
6-1				1	
6-4	4				
6-6	6				
6-7	7				
6-23			3		
7-1					1
7-25			5		
7-10	10				
8-2				2	
8-28			8		
8-13	13				
8-200	4	2			
9-4				4	
9-210			10		
9-19	19				
9-200	4			2	
9-201	8	2			
10-2					2
10-5				5	
10-26	26				
10-200	12				1
10-201	4				2
10-202	8			2	
11-31	31				
12-2					2
12-3					3
12-7				7	
12-220			20		
12-37	37				
12-200	6				2
12-201	10				2
12-202	20			2	

*All arrangements with #12 contacts available with keyed Twinax contacts. Use mode code -688

Contact Legend

#23◦ #20HD● #20● #16◐ #12⊕



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

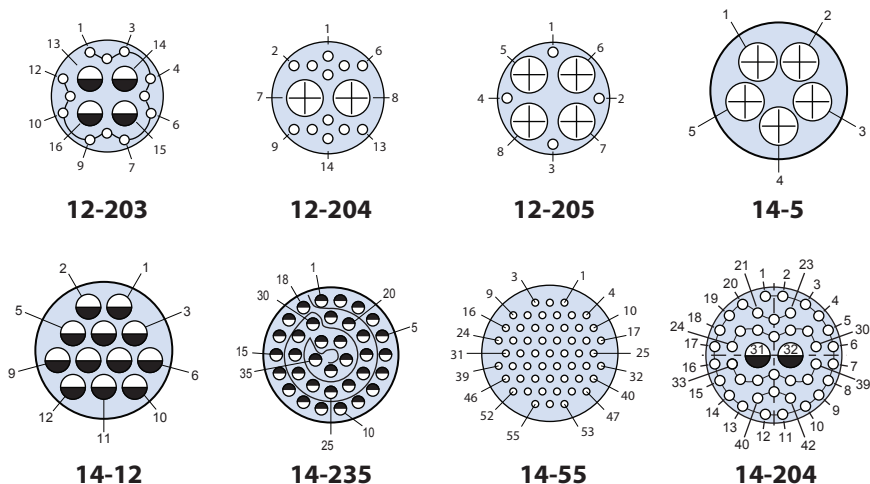


Series 804 Push-Pull Mighty Mouse Quick-Disconnect Connectors Contact Arrangements

Contact Arrangements					
Contact Arr.	No. of Contacts				
	#23	#20	#20HD	#16	#12*
12-203	12			4	
12-204	12			2	
12-205	4				4
14-5					5
14-12				12	
14-235			35		
14-204	40			2	
14-205	32			4	
14-206	34				2
14-207	20				4
14-55	55				

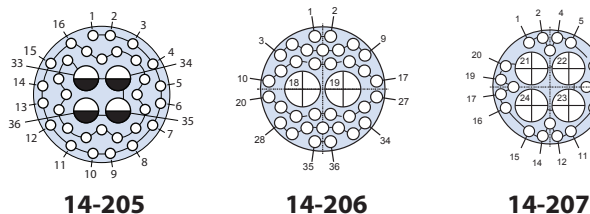
*All arrangements with #12 contacts available with keyed Twinax contacts. Use mode code -688

Mating Face View of Pin Connector (socket connector numbers are reversed)



Contact Legend

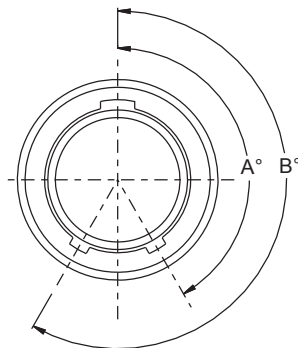
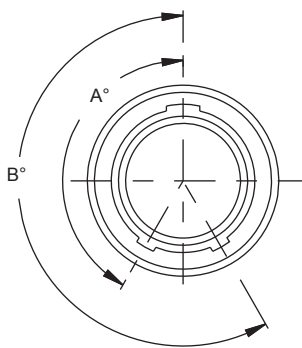
#23° #20HD● #20● #16● #12⊕



Alternate Key Positions

Plug

Receptacle



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

Series 804 Demate Force

Layout	Average Force	
	Pounds	Newtons
5-3	11	48
6-4	11	48
6-7	12	51
7-10	12	54
8-13	13	56
9-19	14	62
10-26	16	68
12-37	18	78
14-55	21	94

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