



Series 805 Mighty Mouse Triple-Start ACME Thread PCB or Solder Cup Receptacle 805-005 and 805-017 Ordering Information



Printed Circuit Board/Solder Cup Receptacles feature low profile shells for minimum protrusion inside enclosures and integral standoffs for board washout. Contacts are non-removable.

Water Immersion, Unmated Specify 805-005 connectors for applications where open face water immersion is not a requirement. For MIL-STD-810 Method 512G immersion requirements, specify 805-017 watertight connectors. These 805-017 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 -40°C to $+70^{\circ}\text{C}$.

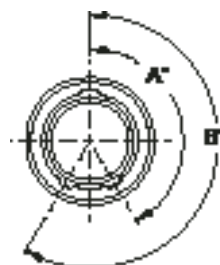
How To Order						
Sample Part Number		805-017	-07	M	10-13	P B
Series	805-005 = Receptacle with Standard Epoxy Potting 805-017 = Receptacle with Special "MOD-518" Sealing For Open Face (unmated) Water Immersion Requirements. 100% Leak Tested.					
Shell Style (See Table I)	-02 = Square Flange Front or Rear Mount -12 = Square Flange Rear Mount Non-Locking Clinch Nuts -22 = Square Flange Rear Mount Locking Clinch Nuts -07 = Jam Nut Rear Panel Mount					
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 ZB = Stainless Steel / Olive Drab Chromate over Cadmium ZC = Stainless Steel / Zinc Cobalt Alloy/Black Chromate					
Shell Size - Insert Arrangement	See Contact Arrangements Page H-2					
Contact Type	P = Pin, PC Tail E = Pin, Solder Cup S = Socket, PC Tail F = Socket, Solder Cup					
Shell Key Positions (See Table II)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

Table I: Shell Style

-02, -12, -22 Square Flange	-07 Jam Nut

Table II: Key Positions

Key Position	Key Rotation	
	A	B
Normal (A)	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°



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

Series 805 Mighty Mouse Triple-Start Threaded Coupling Contact Arrangements

Contact Arrangements						
Contact Arr.	No. of Contacts					
	#23	#20	#20HD	#16	#12*	#8**
8-1				1		
8-23			3			
8-4	4					
8-6	6					
8-7	7					
9-1					1	
9-25			5			
9-10	10					
10-2				2		
10-28			8			
10-13	13					
10-200	4	2				
11-4				4		
11-210			10			
11-19	19					
11-200	4			2		
11-201	8	2				
12-2					2	
12-5				5		
12-26	26					
12-200	12				1	
12-201	4				2	
12-202	8			2		
13-31	31					
15-2					2	
15-3					3	
15-7				7		
15-220			20			

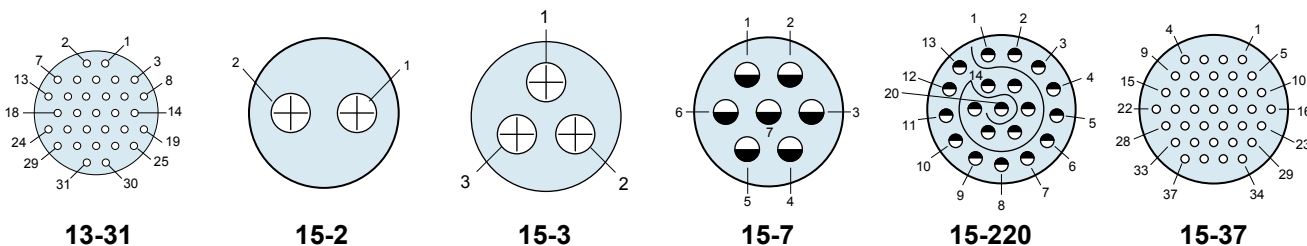
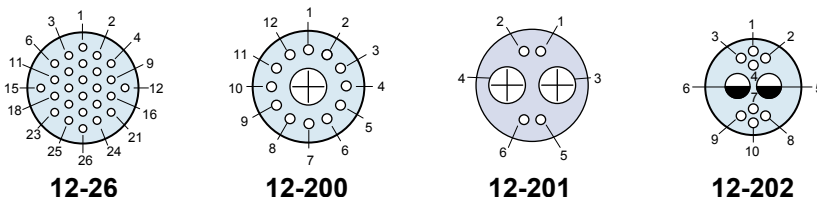
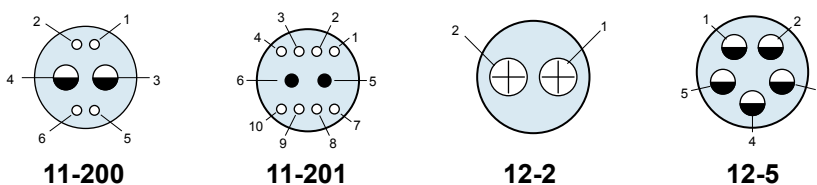
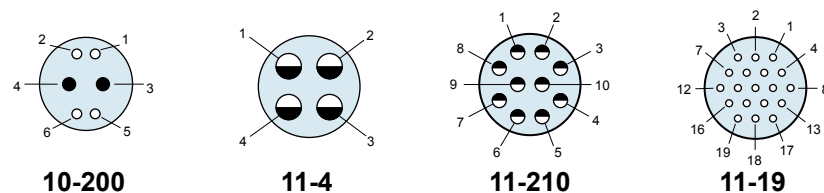
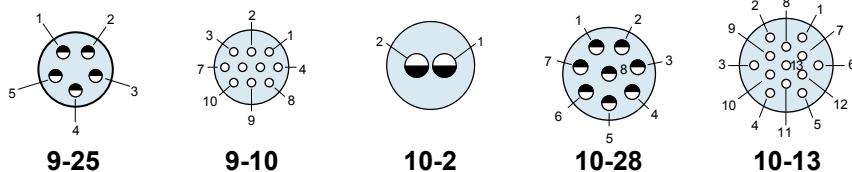
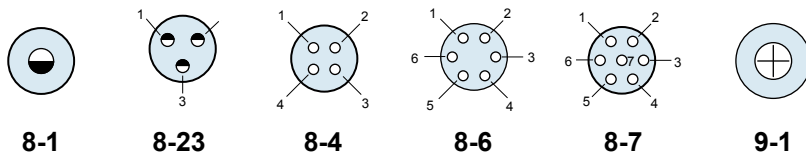
*Arrangements with #12 contacts and available with keyed Twinax contacts. Use mode code -688

**Combo inserts using size #8 and #23 contacts order size #23, 857-034 socket or 809-335 pin contacts

Contact Legend

#23° #20HD● #20● #16● #12⊕

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



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Series 805

Contact Arrangements						
Contact Arr.	No. of Contacts					
	#23	#20	#20HD	#16	#12*	#8**
15-37	37					
15-200	6				2	
15-201	10				2	
15-202	20			2		
15-203	12			4		
15-204	12				2	
15-205	4				4	
18-5					5	
18-12				12		
18-235			35			
18-55	55					
18-204	40			2		
18-205	32			4		
18-206	34			2		
18-207	20			4		
18-208	32					1
19-7					7	
19-14				14		
19-241			41			

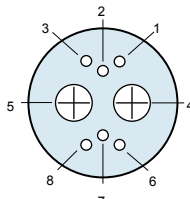
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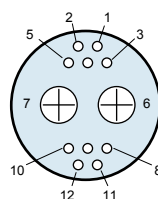
Contact Legend

#23° #20HD● #20● #16● #12⊕

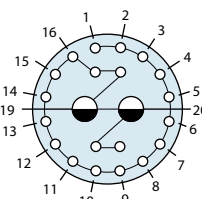
Mating Face View of Pin Connector (socket connector numbers are reversed)



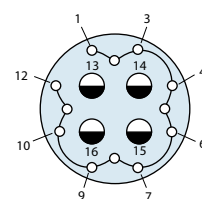
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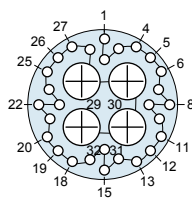
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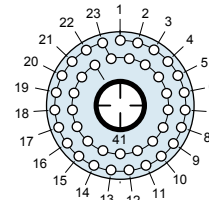
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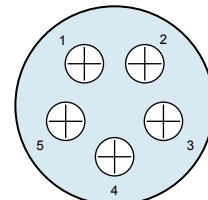
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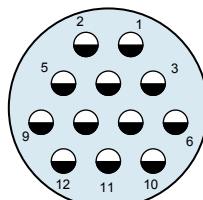
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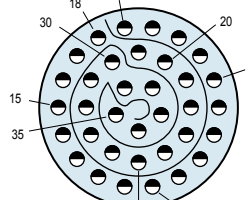
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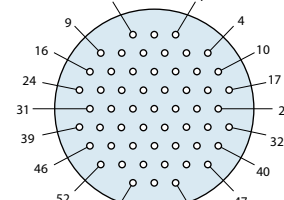
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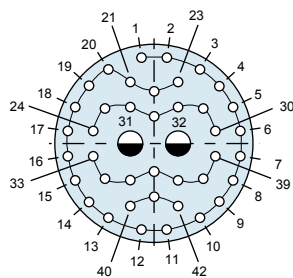
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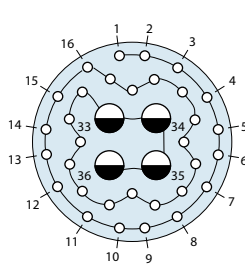
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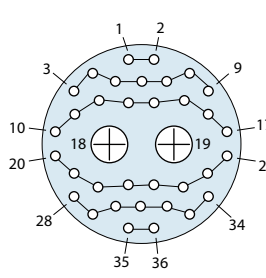
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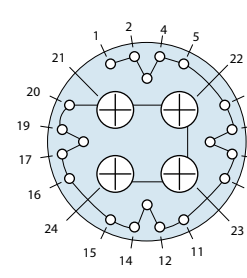
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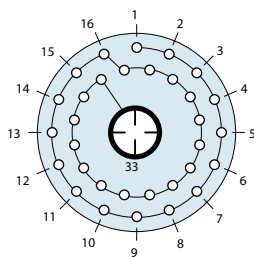
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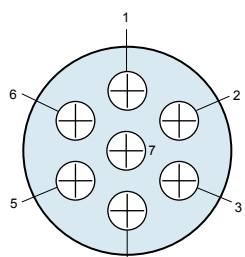
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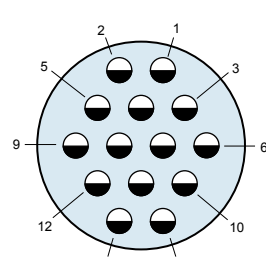
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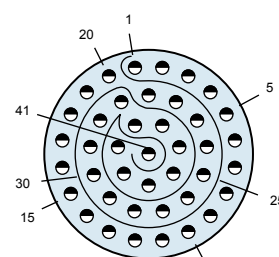
18-208



19-7



19-14



19-241

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Contact Arrangements						
Contact Arr.	No. of Contacts					
	#23	#20	#20HD	#16	#12*	#8**
19-85	85					
19-203	40			4		
19-204	28				4	
19-205						
21-19				19		
21-255			55			
21-100	100					
21-201	44					2
21-202	12					4
23-12					12	
23-22				22		
23-269			69			
23-130	130					
23-200	28					4

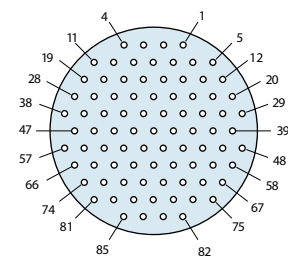
*Arrangements with #12 contacts and available with keyed Twinax contacts. Use mode code -688

**Combo inserts using size #8 and #23 contacts order size #23, 857-034 socket or 809-335 pin contacts.

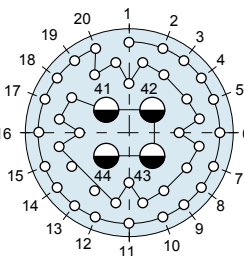
Contact Legend

#23° #20HD● #20● #16● #12⊕

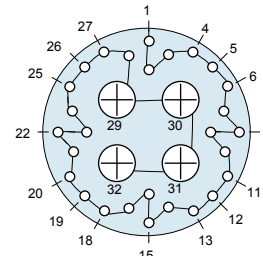
Mating Face View of Pin Connector (socket connector numbers are reversed)



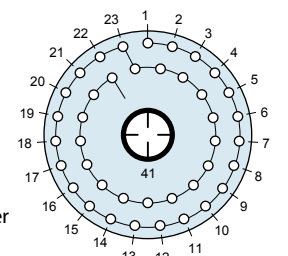
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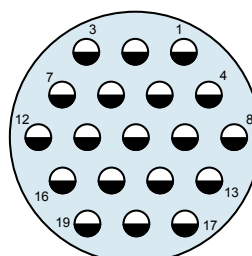
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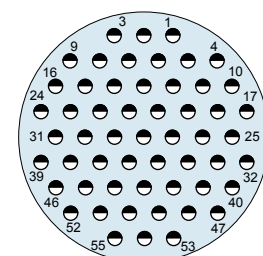
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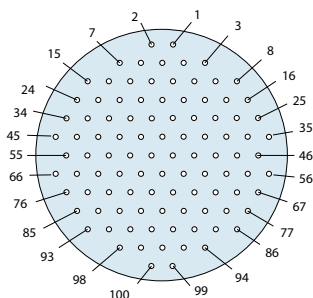
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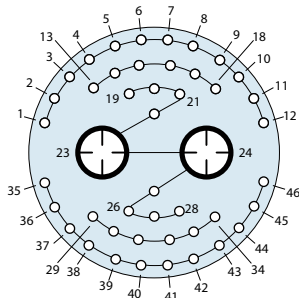
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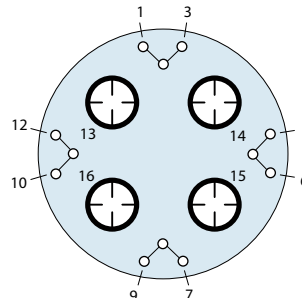
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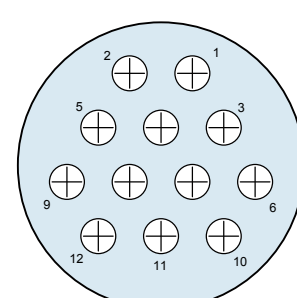
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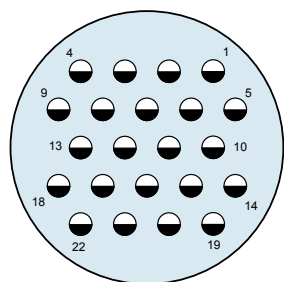
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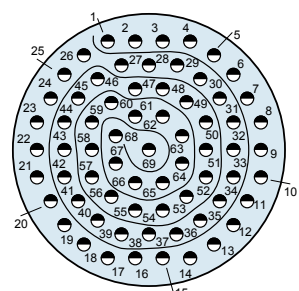
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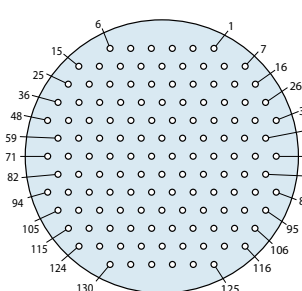
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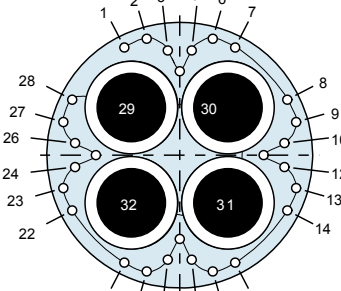
23-22



23-269



23-130



23-200

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