



Series 805 Mighty Mouse Triple-Start ACME Thread Hermetic Receptacle

805-006 Ordering Information



Series 805 Hermetic Receptacles feature 304L stainless steel shells, fused vitreous glass insulators and Alloy 52 iron alloy contacts. Triple-start ACME thread provides fast mating and cross-threading protection. Mating plug connectors feature EMI springs and ratcheting anti-decoupling mechanism for resistance to vibration. 1000 PSI open face pressure. Fluorosilicone seals

for water ingress protection. Contacts are gold-plated 50 microinches minimum.

1 X 10⁻⁷ cc/second maximum helium leak rate.

Four Shell Styles: jam nut, square flange, solder mount and weld mount.

Solder Cup Contacts for #22 AWG wire, or PC Tail Contacts for attachment to flexible or rigid circuits.

How To Order

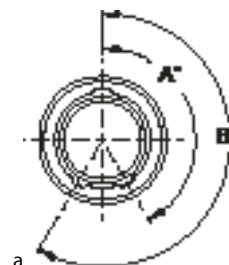
How To Order						
Sample Part Number	805-006	-07	Z1	12-26	C	A
Series	805-006 = Hermetic Receptacle					
Shell Style (See Table I)	-02 = Square Flange Front or Rear Mount -03 = Solder Mount -07 = Jam Nut Rear Panel Mount -13 = Weld Mount					
Shell Material and Finish	Z1 = Stainless Steel / Passivated; RoHS Compliant ZL = Stainless Steel / Nickel Plated *Titanium and Inconel® shell materials are available. Consult factory for ordering information.					
Shell Size - Insert Arrangement	See contact arrangements page H-2					
Contact Type	P = Pin, Solder Cup C = Pin PC Tail S = Socket, Solder Cup D = Socket PC Tail					
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 Square Flange	-07 Jam Nut
-03 Solder Mount	-13 Weld Mount

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⊕ #8⊕

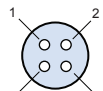
Mating Face View of Pin Connector (socket connector numbers are reversed)



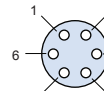
8-1



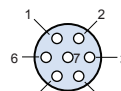
8-23



8-4



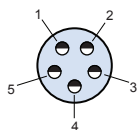
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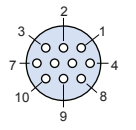
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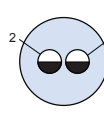
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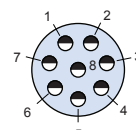
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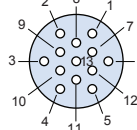
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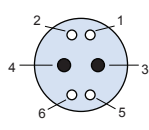
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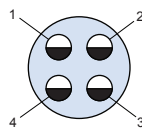
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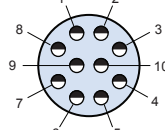
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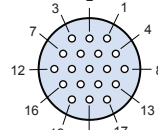
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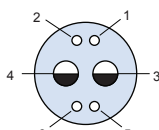
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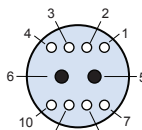
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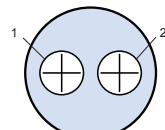
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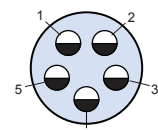
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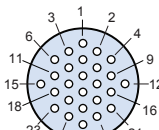
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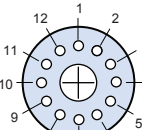
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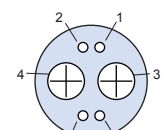
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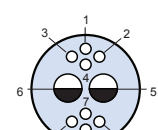
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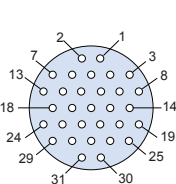
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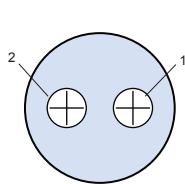
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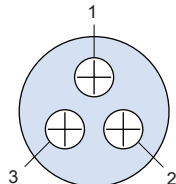
12-202



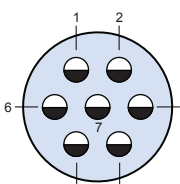
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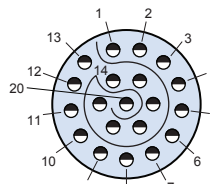
15-2



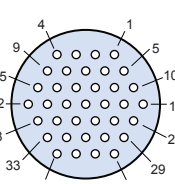
15-3



15-7



15-220



15-37

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

Series 805 Mighty Mouse Triple-Start Threaded Coupling Contact Arrangements



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			

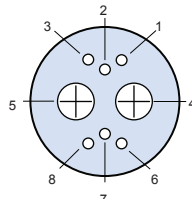
*Arrangements with #12 contacts and available with keyed Twinax contacts. Use mode code -688

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

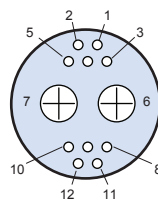
Contact Legend

#23° #20HD● #20● #16● #12⊕ #8⊕

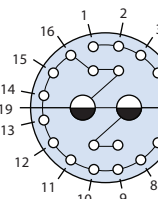
Mating Face View of Pin Connector (socket connector numbers are reversed)



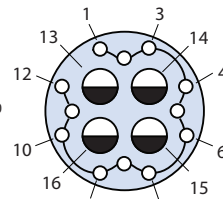
15-200



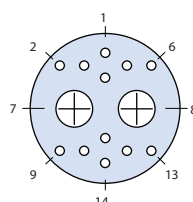
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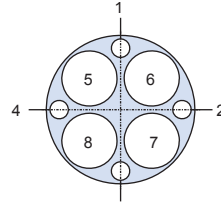
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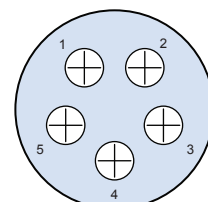
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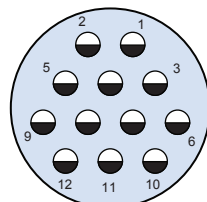
15-204



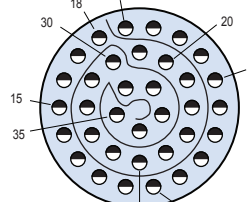
15-205



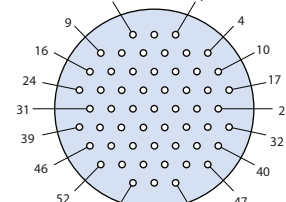
18-5



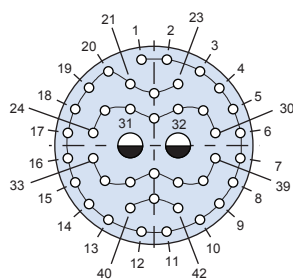
18-12



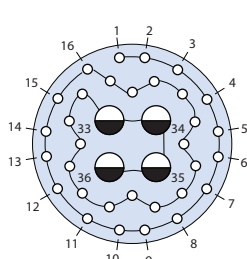
18-235



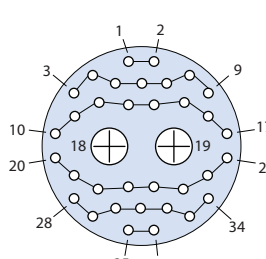
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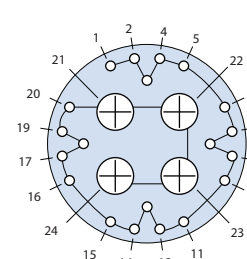
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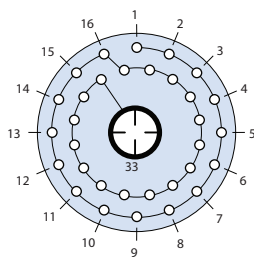
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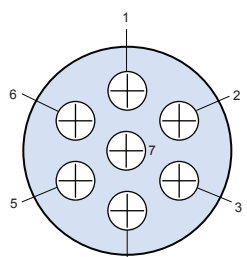
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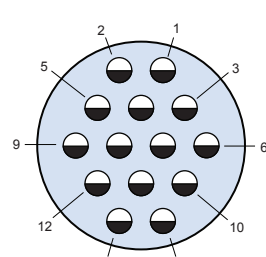
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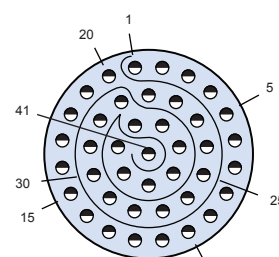
18-208



19-7



19-14



19-241

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**
19-85	85					
19-203	40			4		
19-204	28				4	
19-205	40					1
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

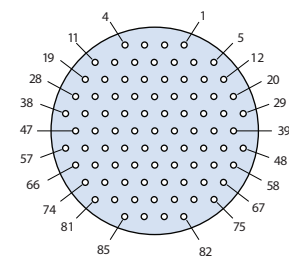
*Arrangements with #12 contacts and available with keyed Twinax contacts. Use mode code -688

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

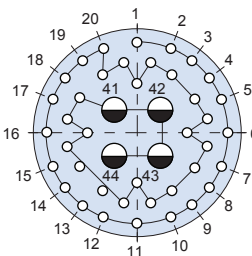
Contact Legend

#23° #20HD● #20● #16● #12⊕ #8⊕

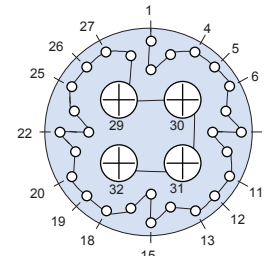
Mating Face View of Pin Connector (socket connector numbers are reversed)



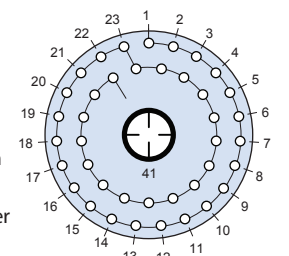
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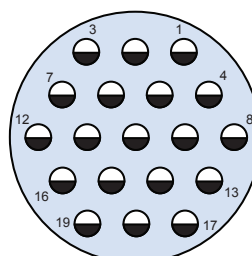
19-203



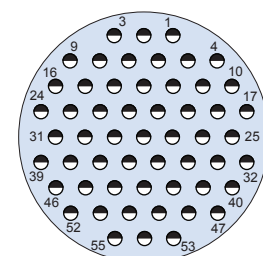
19-204



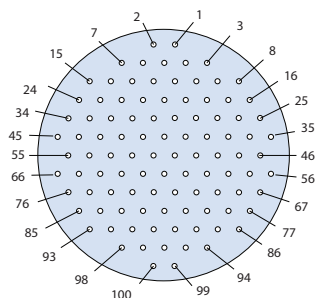
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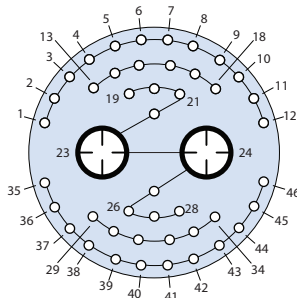
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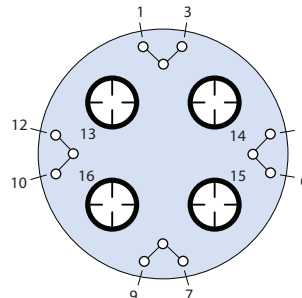
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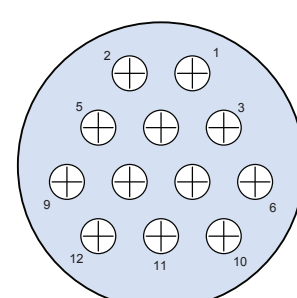
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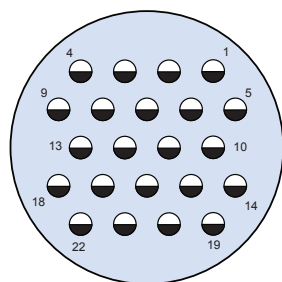
21-201



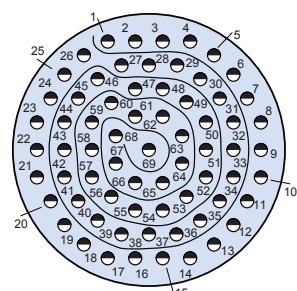
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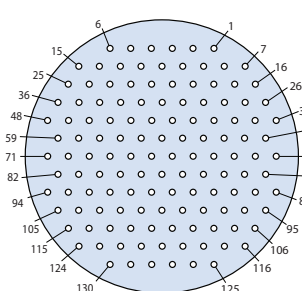
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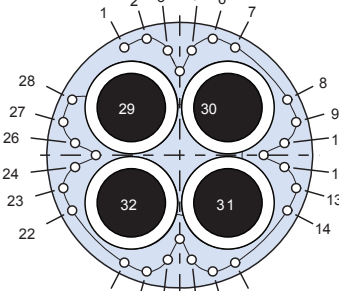
23-22



23-269



23-130



23-200

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