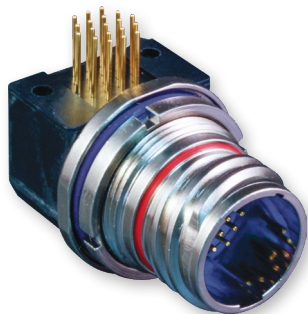




Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Header Receptacle 805-011 Ordering Information



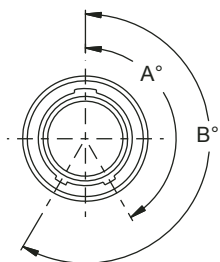
Right Angle PCB Header Receptacle connectors offer military grade performance in a small, lightweight package. These connectors are rated for MIL-STD-810 Method 512 immersion. High temperature thermoplastic housing withstands soldering temperatures. Stainless steel threaded inserts simplify attachment to printed circuit board.

- Triple-Start ACME Thread
- Right Angle Contacts
- High Temperature Housing
- Threaded Inserts
- Environmentally Sealed

How To Order

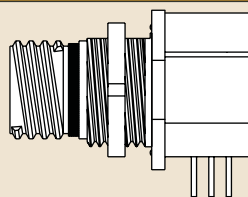
Sample Part Number						
	805-011	-07	M	8-7	S	A
Series	805-011 = Right Angle PCB Header Receptacle					
Shell Style	-07 = Jam-Nut, Rear Panel Mount (See Table II)					
Shell Material and Finish	C = Aluminum / Black Anodize (Non-Conductive); RoHS Compliant					
	M = Aluminum / Electroless Nickel; RoHS 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	8-1, 8-4, 8-6, 8-7, 9-1, 9-10, 10-2, 10-13, 11-4, 11-19, 11-200, 12-2, 12-5, 12-201					
Contact Type	P = Pin, PC Tail S = Socket, PC Tail					
Polarization(See Table I)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F					

Table I: Polarization



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

Table I: Shell Style



-07
Jam-Nut, Rear Panel Mount Header
with Threaded Inserts

NOTES

- Torque 2-56 screws to 20-25 in/oz with Loc-Tite recommended
- For shell sizes 11 and 12, 2-56 start of thread is .150 +.000/-.050 below surface and mounting hole depth is .350
- For shell sizes 8-10, 2-56 start of thread is .100 +.000/-.050 below surface

Material and Finish

- Shell, jam-nut: aluminum alloy or CRES / see how to order table
- Insulator: LCP or epoxy/ N.A.
- Interfacial seal, O-ring: fluorosilicone / N.A.
- Contact: copper alloy / gold plate per ASTM B 488, Type II, Code C, Class 1.25, over suitable underplate
- Potting compound: epoxy / N.A.

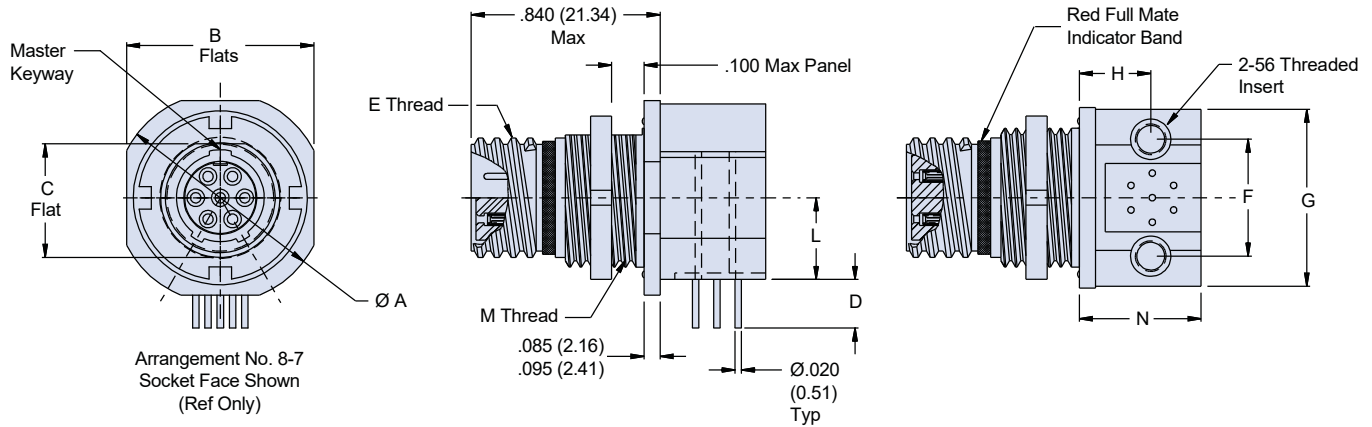
Dimensions in Inches (millimeters) are subject to change without notice.

Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Header Receptacle 805-011 Shell Style -07 Dimensions



Series 805

Jam-nut mount receptacle - shell style 07



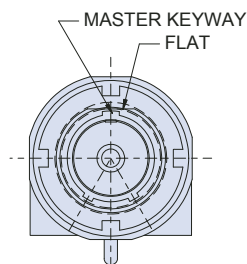
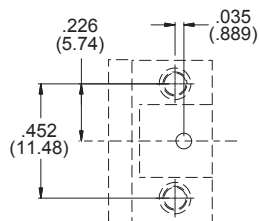
Dimensions											
Shell Size	A	B	C ±.002 (0.05)	D ±.035 (0.89)	E Thread .1P-.3L-TS	F	G	H ±.055	L	M Thread	N
8-1	.760 (19.30)	.730 (18.54)	.536 (13.61)	.292 (7.42)	.5000	.385 (9.78)	.589 (14.96)	.314 (7.98)	.225 (5.72)	.5625-28 UN-2A	.435 (11.05)
8-4	.760 (19.30)	.730 (18.54)	.536 (13.61)	.292 (7.42)	.5000	.385 (9.78)	.589 (14.96)	.314 (7.98)	.225 (5.72)	.5625-28 UN-2A	.435 (11.05)
8-6	.760 (19.30)	.730 (18.54)	.536 (13.61)	.265 (6.73)	.5000	.408 (10.36)	.589 (14.96)	.277 (7.04)	.225 (5.72)	.5625-28 UN-2A	.435 (11.05)
8-7	.760 (19.30)	.730 (18.54)	.536 (13.61)	.265 (6.73)	.5000	.408 (10.36)	.589 (14.96)	.277 (7.04)	.225 (5.72)	.5625-28 UN-2A	.435 (11.05)
9-1	.880 (22.35)	.850 (21.59)	.662 (16.81)	.273 (6.93)	.5625	.452 (11.48)	.710 (18.03)	.260 (6.60)	.296 (7.52)	.6875-28 UN-2A	.435 (11.05)
9-10	.880 (22.35)	.850 (21.59)	.662 (16.81)	.273 (6.93)	.5625	.452 (11.48)	.710 (18.03)	.260 (6.60)	.296 (7.52)	.6875-28 UN-2A	.435 (11.05)
10-2	.880 (22.35)	.850 (21.59)	.664 (16.87)	.305 (7.75)	.6250	.490 (12.45)	.710 (18.03)	.320 (8.13)	.320 (8.13)	.6875-28 UN-2A	.580 (14.73)
10-13	.880 (22.35)	.850 (21.59)	.662 (16.81)	.305 (7.75)	.6250	.490 (12.45)	.710 (18.03)	.320 (8.13)	.320 (8.13)	.6875-28 UN-2A	.580 (14.73)
11-4	.952 (24.18)	.925 (23.50)	.722 (18.34)	.24 (6.10)	.6875	.600 (15.24)	.800 (20.32)	.432 (10.97)	.362 (9.19)	.7500-28 UN-2A	.580 (14.73)
11-19	.952 (24.18)	.925 (23.50)	.722 (18.34)	.275 (6.99)	.6875	.600 (15.24)	.800 (20.32)	.432 (10.97)	.362 (9.19)	.7500-28 UN-2A	.580 (14.73)
11-200	.952 (24.18)	.925 (23.50)	.722 (18.34)	.255 (6.48)	.6875	.600 (15.24)	.800 (20.32)	.432 (10.97)	.362 (9.19)	.7500-28 UN-2A	.580 (14.73)
12-2	1.06 (26.92)	1.035 (26.29)	.784 (19.91)	.299 (7.59)	.7500	.640 (16.26)	.840 (21.34)	.452 (11.48)	.397 (10.08)	.8125-28 UN-2A	.660 (16.76)
12-5	1.06 (26.92)	1.035 (26.29)	.784 (19.91)	.255 (6.48)	.7500	.640 (16.26)	.840 (21.34)	.452 (11.48)	.397 (10.08)	.8125-28 UN-2A	.660 (16.76)
12-201	1.06 (26.92)	1.035 (26.29)	.784 (19.91)	.294 (7.47)	.7500	.640 (16.26)	.840 (21.34)	.452 (11.48)	.397 (10.08)	.8125-28 UN-2A	.660 (16.76)

Jam-Nut Panel Cutout		
Shell Size	H Flat	Ø J
8	.545 (13.84) .541 (13.74)	.572 (14.53) .567 (14.40)
9	.671 (17.04) .667 (16.94)	.698 (17.73) .693 (17.60)
10	.671 (17.04) .667 (16.94)	.698 (17.73) .693 (17.60)
11	.731 (18.57) .727 (18.47)	.760 (19.30) .755 (19.18)
12	.794 (20.17) .790 (20.07)	.822 (20.88) .817 (20.75)
13	.851 (21.62) .847 (21.51)	.885 (22.48) .881 (22.38)
15	.980 (24.89) .976 (24.79)	1.010 (25.65) 1.005 (25.53)
18	1.157 (29.39) 1.153 (29.29)	1.198 (30.43) 1.193 (30.30)
19	1.231 (31.27) 1.227 (31.17)	1.260 (32.00) 1.255 (31.88)
21	1.358 (34.49) 1.354 (34.39)	1.383 (35.13) 1.381 (35.08)
23	1.480 (37.59) 1.476 (37.49)	1.510 (38.35) 1.505 (38.23)

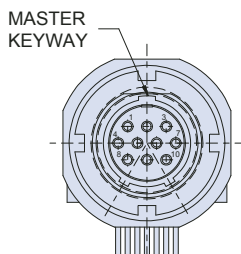
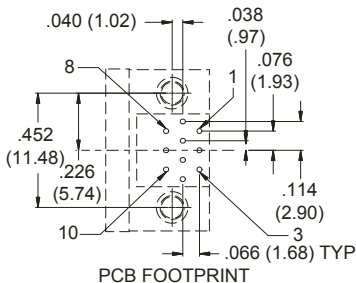
Dimensions in Inches (millimeters) are subject to change without notice.



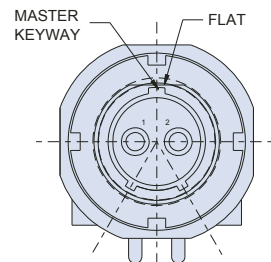
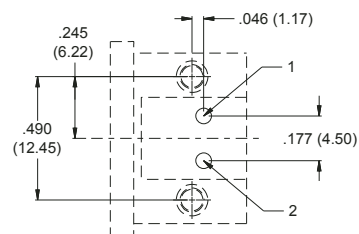
Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Receptacle 805-011 Shell Style -07 PCB Footprints



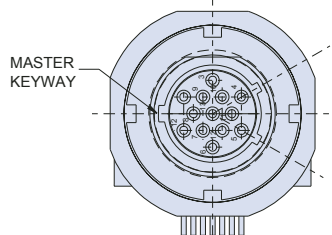
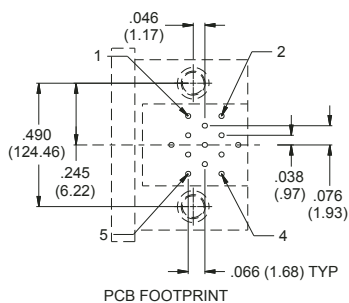
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(1 #12 CONTACT)
SOCKET FACE SHOWN
(PIN FACE OPPOSITE)



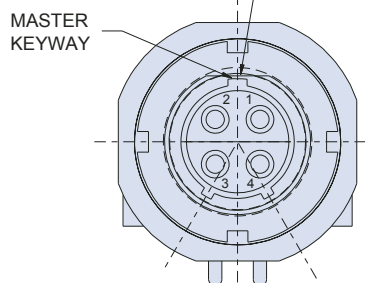
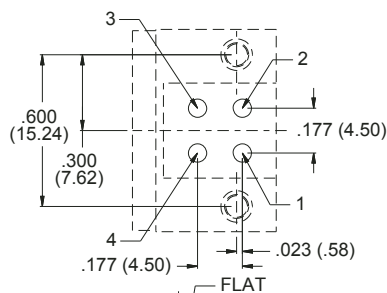
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SOCKET FACE SHOWN
(PIN FACE OPPOSITE)



ARRANGEMENT NO. 10-2
(2 #16 CONTACTS)
SOCKET FACE SHOWN
(PIN FACE OPPOSITE)



ARRANGEMENT NO. 10-13
(13 #23 CONTACTS)
SOCKET FACE SHOWN
(PIN FACE OPPOSITE)



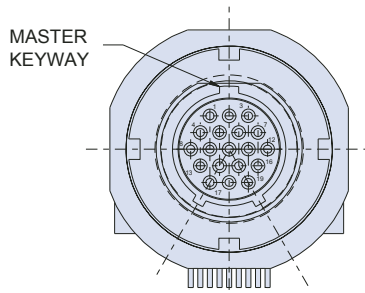
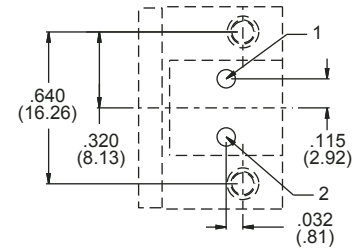
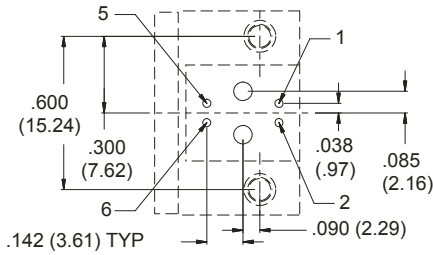
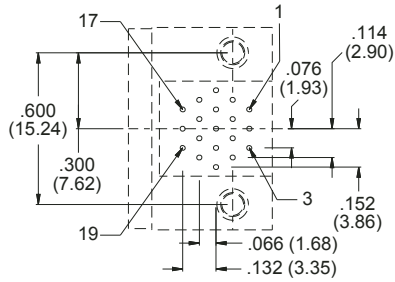
ARRANGEMENT NO. 11-4
(4 #16 CONTACTS)
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Dimensions in Inches (millimeters) are subject to change without notice.

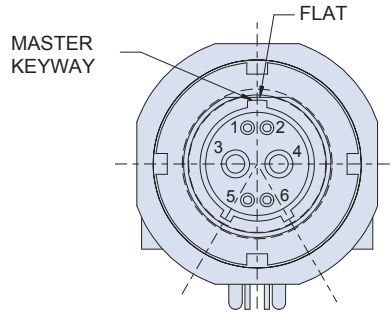
Series 805 Mighty Mouse Triple-Start ACME Thread Right Angle PCB Receptacle 805-011 Shell Style -07 PCB Footprints



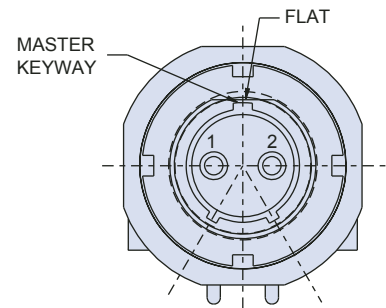
Series 805



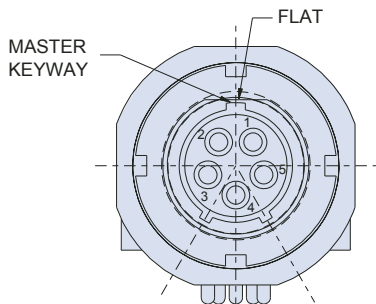
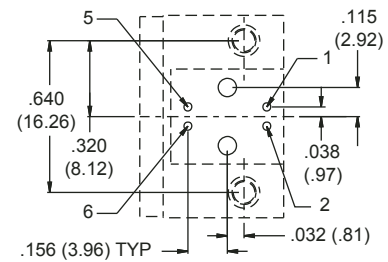
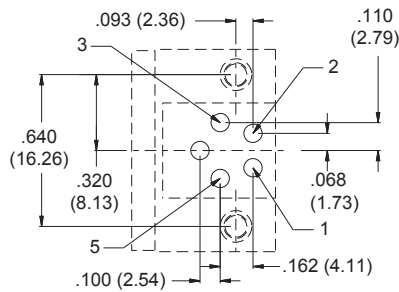
ARRANGEMENT NO. 11-19
(19 #23 CONTACTS)
SOCKET FACE SHOWN



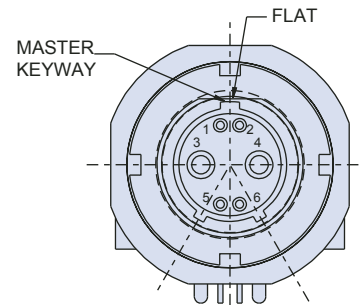
ARRANGEMENT NO. 11-200
(2 #16, 4 #23 CONTACTS)
SOCKET FACE SHOWN
PIN FACE OPPOSITE)



ARRANGEMENT NO. 12-2
(2 #12 CONTACTS)
SOCKET FACE SHOWN



ARRANGEMENT NO. 12-5
(5 #16 CONTACTS)
SOCKET FACE SHOWN



ARRANGEMENT NO. 12-201
(2 #12, 4 #23 CONTACTS)
SOCKET FACE SHOWN
(PIN FACE OPPOSITE)

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[805-011-07MT11-19SD-834](#)