



# Series 800 Mighty Mouse Hermetic UN Mating Thread Hermetic Receptacle 800-013 Ordering Information



**Compact, Rugged Series 800** hermetic receptacles feature 304L stainless steel shells and vitreous glass insulators. Contacts are gold-plated iron alloy. UN mating thread. Available with male pin contacts (contact Glenair for hermetic connectors with female socket contacts). 100% helium leak tested to meet  $1 \times 10^{-7}$  cc/second maximum leak rate. 1000 psi open face (unmated) pressure rating. Contacts are factory-installed and are non-removable. Terminate to wires with solder cup versions, or choose PC tail versions for thru-hole soldering to rigid or flexible circuit boards. Available in all contact and insert arrangements between size 5 and 12.

## How To Order

<b>Sample Part Number</b>	<b>800-013</b>	<b>-02</b>	<b>Z1</b>	<b>6-7</b>	<b>P</b>	<b>N</b>
<b>Series</b>	800-013 Hermetic Receptacle					
<b>Shell Style (See Table I)</b>	<b>02</b> = Square Flange	<b>03</b> = Solder Mount	<b>07</b> = Jam Nut	See Shell		
<b>Shell Material and Finish</b>	<b>Z1</b> = Stainless Steel / Passivated RoHS Compliant <b>ZL</b> = Stainless Steel / Nickel Plated					
<b>Shell Size - Insert Arrangement</b>	See Contact Arrangements page C-2					
<b>Contact Type</b>	<b>P</b> = Pin, Solder Cup <b>S</b> = Socket, Solder Cup <b>C</b> = Pin, PC Tail <b>D</b> = Socket, PC Tail					
<b>Shell Key Position</b>	<b>N</b> = Normal <b>X</b> = Pos. X <b>Y</b> = Pos. Y <b>Z</b> = Pos. Z See page C-3					

Table I: Shell Style

<b>-02</b> Square Flange	<b>-03</b> Solder Mount	<b>-07</b> Jam Nut

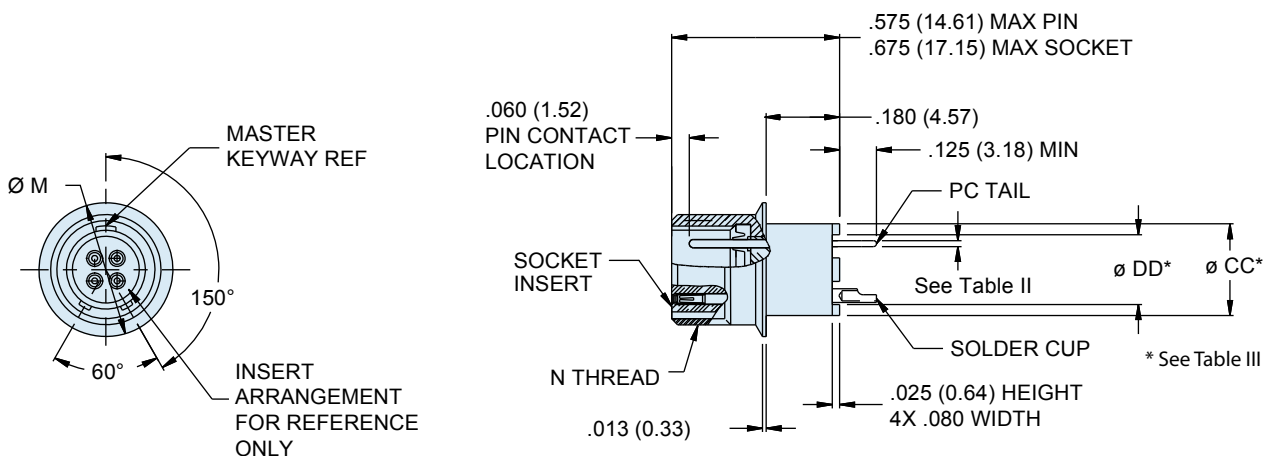
Table II: Contact Dimensions

Contact Size	Ø EE
23	.022/.018
20	.028/.024
16	.064/.060
12	.096/.092

Table III: CC and DD Dia.

Shell Size	Ø CC O.D.		Ø DD O.D.	
	in.	mm.	in.	mm.
5	.290	7.37	.197	5.00
6	.330	8.38	.256	6.50
7	.380	9.65	.325	8.26
8	.450	11.43	.390	9.91
9	.500	12.70	.452	11.48
10	.575	14.61	.520	13.21
12	.660	16.76	.610	15.49

## Solder mount receptacle - shell style 03 - shell size 5 and 6



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

# Mouser Electronics

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