

# Series 802 AquaMouse™ Hermetic Jam Nut Mount Bulkhead Feed-Thru 802-048 Ordering Information



Series 802



**Series 802 Hermetic Jam Nut Mount Bulkhead Feed-Thru Receptacles** feature gold plated iron alloy contacts and compression glass dielectric material. The 316 series stainless steel connector shell provides excellent corrosion protection. Available in PS, SP, PP and SS for PP or SS application, power applied to a given contact on one end will result in power to contact directly opposite, regardless of contact identification letter. DWV of contact size #23 is 500 VAC with sizes #20, #16 and #12 rated at 1800 VAC. Hermeticity is rated at:  $1 \times 10^{-7}$  ccHe/sec @ 1 atmosphere differential. 802-048 is designed to mate with Glenair 802 Series plugs

How To Order								
Sample Part Number	802-048	Z1	12-37	P	S	A	01	D
Series	802-048 = Bulkhead Feed-Thru Hermetic Receptacle							
Shell Material and Finish	Z1 = Stainless Steel / Passivated RoHS Compliant ZL = Stainless Steel / Nickel Plated INC = Inconel 600							
Shell Size - Insert Arrangement	See Table III							
Contact Type Jam Nut Side	P = Pin S = Socket							
Contact Type Opposite Side	P = Pin S = Socket							
Keyway Position (See Table I)	A = Normal B = Pos. B C = Pos. C D = Pos. D E = Pos. E F = Pos. F							
Panel Thickness (See Table II)	-01 = .125/.500    -02 = .500/1.00    -03 = 1.00/1.500 -04 = 1.500/2.00    -05 = 2.000/2.500    -06 = 2.500/3.000 -07 = 3.000/3.500    -08 = 3.500/4.000							
O-ring Material	See Table IV							

Table I: Key Positions		
Key Position	Key Rotation	
	A°	B°
A Normal	150°	210°
B	75°	210°
C	95°	230°
D	140°	275°
E	75°	275°
F	95°	210°

Table II: Panel Thickness		
Panel Thickness Code	H Panel Thickness	J Maximum Length
-01	.125/.500	1.750
-02	.500/1.000	2.250
-03	1.000/1.500	2.750
-04	1.500/2.000	3.250
-05	2.000/2.500	3.750
-06	2.500/3.000	4.250
-07	3.000/3.500	4.750
-08	3.500/4.000	5.250

Table III: Insert Arrangements	
Shell Size	Insert Arrangement(s)
5	-3
6	-1, -4, -6, -7, -23
7	-1, -10, -25
8	-1, -2, -13, -28, -200
9	-4, -19, -200, -201, -210
10	-2, -5, -26, -200, -201, -202
12	-2, -3, -7, -37, -200, -201, -220
14	-2, -5, -12, -55, -235
15	-3, -7, -14, -85, -241
21	-5, -12, -22, -130, -269

Table IV: O-ring Material			
Designator	Material	Designator	Material
C	Fluorosilicone, Conductive	S	Silicone
E	EPDM	B	Butyl Rubber
V	Viton	K	Kalrez
N	Nitrile		

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

