

Jam Nut Recept. with PC Tails

HS Series • High-Performance Solder Connectors



Jam nut receptacle with PC tail contacts

Jam nut receptacles can be built preloaded with PCB contacts for termination to flex circuits or PC boards. Jam nuts are the preferred connector as they offer a single hole mount design with an integrated silicone O-ring for environmental sealing.

HS07 N 12-10 Y N - 02

- 1 **BASIC PART NUMBER**
HM07 Jam nut receptacle (box mount)
- 2 **MATERIAL & FINISH**
F Aluminum, olive drab cadmium
N* Aluminum, electroless nickel
- 3 **SHELL SIZE & INSERT ARRANGEMENT**
See Insert Arrangement Selection table, p. B-12
- 4 **CONTACT STYLE**
X PC tail pin
Y PC tail socket
- 5 **INSERT ROTATION**
N Normal or W, X, Y, Z, see p. B-12 for availability
- 6 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
02 Protective cover

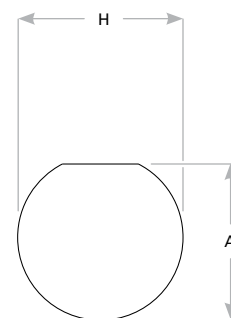
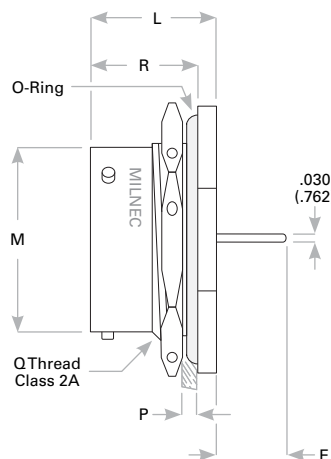
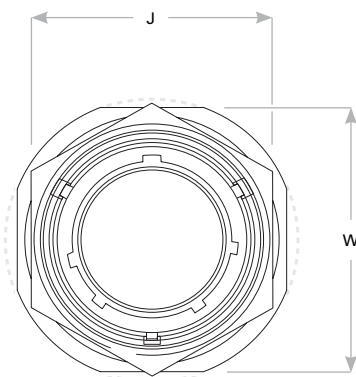
* Please consult an authorized distributor for lead time and minimum quantity requirements.

Note: See part builder (p. B-11) for additional kit options.

Receptacle Dimensions

Shell Size	W	J	L	R	M	Q Thread Class 2A	E	P Max Rear Panel†	H	A
8	.938 (23.8)	.750 (19.1)	.790 (20.1)	.696 (17.7)	.473 (12.0)	.5625-24 NEF	.376 (9.6)	.125 (3.2)	.572 (14.5)	.542 (13.8)
10	1.062 (27.0)	.875 (22.2)	.790 (20.1)	.696 (17.7)	.590 (15.0)	.6875-24 NEF	.376 (9.6)	.125 (3.2)	.697 (17.7)	.669 (17.0)
12	1.250 (31.8)	1.062 (27.0)	.790 (20.1)	.696 (17.7)	.750 (19.1)	.8750-20 UNEF	.376 (9.6)	.125 (3.2)	.884 (22.5)	.830 (21.1)
14	1.375 (34.9)	1.188 (30.2)	.790 (20.1)	.696 (17.7)	.875 (22.2)	1.0000 20 UNEF	.376 (9.6)	.125 (3.2)	1.007 (25.6)	.955 (24.3)
16	1.500 (38.1)	1.312 (33.3)	.790 (20.1)	.696 (17.7)	1.000 (25.4)	1.1250-18 NEF	.376 (9.6)	.125 (3.2)	1.134 (28.8)	1.084 (27.5)
18	1.625 (41.3)	1.438 (36.5)	.790 (20.1)	.696 (17.7)	1.125 (28.6)	1.2500-18 NEF	.376 (9.6)	.125 (3.2)	1.259 (32.0)	1.208 (30.7)
20	1.812 (46.0)	1.562 (39.7)	1.009 (25.7)	.884 (22.5)	1.250 (31.8)	1.3750-18 NEF	.367 (9.3)	.250 (6.4)	1.384 (35.2)	1.333 (33.9)
22	1.938 (49.2)	1.688 (42.9)	1.009 (25.7)	.884 (22.5)	1.375 (34.9)	1.5000-18 NEF	.367 (9.3)	.250 (6.4)	1.507 (38.3)	1.459 (37.1)
24	2.062 (52.4)	1.812 (46.0)	1.042 (26.5)	.917 (23.3)	1.500 (38.1)	1.6250-18 NEF	.334 (8.5)	.250 (6.4)	1.634 (41.5)	1.575 (40.0)

Dimensions are in inches (mm). † Max panel thickness applies only to rear mount applications to ensure proper coupling clearance.



Panel Cutout

Rev. 1301.1