

Box Mount Receptacle (Hermetic)

HS Series • High-Performance Solder Connectors

HS12 H 14-15 P N - 02

1 2 3 4 5 6

1 BASIC PART NUMBER

HS12 Hermetic box mount receptacle
Helium leakage < 1.0 x10⁻⁶ cc³/sec at 15 psi
(1.1 kg/cm²) Insert rated to 75 psi (5.3 kg/cm²)

2 MATERIAL & FINISH

H Carbon steel, tin plating over nickel

3 SHELL SIZE & INSERT ARRANGEMENT

See Insert Arrangement Selection table, p. B-12

4 CONTACT STYLE

P Pin, tin plated
G* Pin, gold plated
S* Socket, tin plated
H* Socket, gold plated

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
03 02 kit + mounting bracket + sealing screws

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



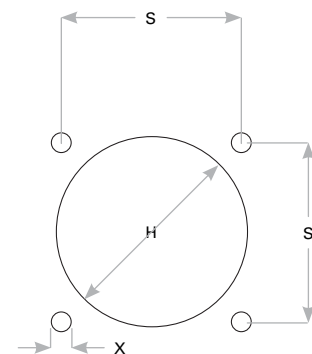
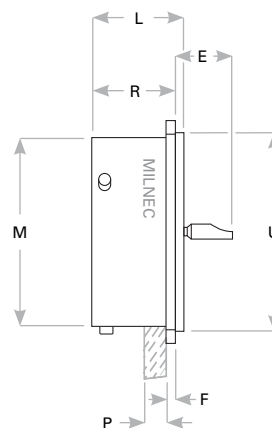
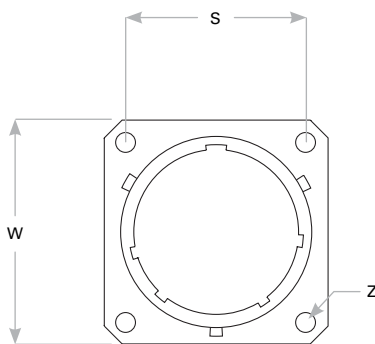
Hermetic box mount receptacle

These receptacles are made with high-strength carbon steel shells and glass inserts to create a true hermetic seal. A low-profile rear design allows them to be mounted in cramped enclosures. A gasket and mounting bracket with sealing screws are recommended to help maintain an airtight seal.

Receptacle Dimensions

Shell Size	W	Z	L	R	M	F	E	U	P Max Rear Panel†	S	X	H
8	.812 (20.6)	.120 (3.1)	.541 (13.8)	.494 (12.6)	.473 (12.0)	.062 (1.6)	.344 (8.7)	.562 (14.3)	.087 (2.2)	.594 (15.1)	.120 (3.1)	.449 (11.4)
10	.938 (23.8)	.120 (3.1)	.541 (13.8)	.494 (12.6)	.590 (15.0)	.062 (1.6)	.344 (8.7)	.672 (17.1)	.087 (2.2)	.719 (18.3)	.120 (3.1)	.573 (14.6)
12	1.031 (26.2)	.120 (3.1)	.541 (13.8)	.494 (12.6)	.750 (19.1)	.062 (1.6)	.344 (8.7)	.781 (19.8)	.087 (2.2)	.812 (20.6)	.120 (3.1)	.699 (17.8)
14	1.125 (28.6)	.120 (3.1)	.541 (13.8)	.494 (12.6)	.875 (22.2)	.062 (1.6)	.344 (8.7)	.906 (23.0)	.087 (2.2)	.906 (23.0)	.120 (3.1)	.823 (20.9)
16	1.219 (31.0)	.120 (3.1)	.541 (13.8)	.494 (12.6)	1.000 (25.4)	.062 (1.6)	.344 (8.7)	1.031 (26.2)	.087 (2.2)	.969 (24.6)	.120 (3.1)	.949 (24.1)
18	1.312 (33.3)	.120 (3.1)	.541 (13.8)	.494 (12.6)	1.125 (28.6)	.062 (1.6)	.344 (8.7)	1.156 (29.4)	.087 (2.2)	1.062 (27.0)	.120 (3.1)	1.073 (27.3)
20	1.438 (36.5)	.120 (3.1)	.603 (15.3)	.556 (14.1)	1.250 (31.8)	.062 (1.6)	.344 (8.7)	1.250 (31.8)	.212 (5.4)	1.156 (29.4)	.120 (3.1)	1.199 (30.5)
22	1.562 (39.7)	.120 (3.1)	.635 (16.1)	.556 (14.1)	1.375 (34.9)	.062 (1.6)	.377 (9.6)	1.375 (34.9)	.212 (5.4)	1.250 (31.8)	.120 (3.1)	1.323 (33.6)
24	1.688 (42.9)	.147 (3.7)	.667 (16.9)	.588 (14.9)	1.500 (38.1)	.062 (1.6)	.377 (9.6)	1.500 (38.1)	.212 (5.4)	1.375 (34.9)	.147 (3.7)	1.449 (36.8)

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



Panel Cutout

Rev. 1239.1