

Box Mount Receptacle

PS Series • High-Performance Solder Connectors

PS02 F 16S-1 S N - 02

1 2 3 4 5 6

- 1 **BASIC PART NUMBER**
PS02 Box mount receptacle
- 2 **MATERIAL & FINISH**
F Aluminum, olive drab cadmium
- 3 **SHELL SIZE & INSERT ARRANGEMENT**
See Insert Arrangement Selection table, p. C-14
- 4 **CONTACT STYLE**
P Pin
S Socket
- 5 **INSERT ROTATION**
N Normal or W, X, Y, Z, see p. C-14 for availability
- 6 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
02 Protective cover + mounting gasket
03 02 kit + mounting bracket + sealing screws

Note: See part builder (p. C-13) for additional kit options.



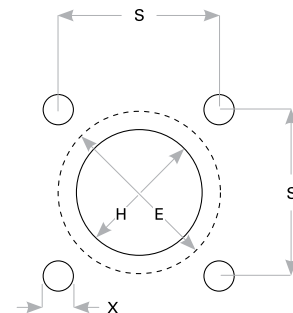
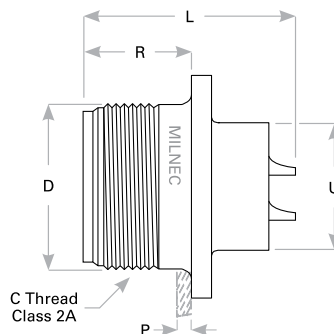
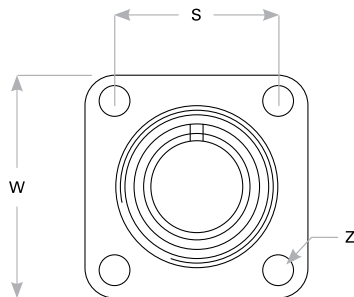
Short rear profile receptacle for tight spaces

Because box mount receptacles do not have accessory threads for backshells, their low rear profile permits mounting in confined spaces, or where backshells are not required. A mounting gasket is recommended to seal mounting location.

Receptacle Dimensions

Shell Size	W	Z	C Thread Class 2A	L	R	D	U	P Max Rear Panel†	S	X	H Front Mount	E Rear Mount
10SL	1.000 (25.4)	.120 (3.0)	.6250-24 UNEF	1.094 (27.8)	.562 (14.3)	.625 (15.9)	.625 (15.9)	.187 (4.8)	.719 (18.3)	.134 (3.4)	.646 (16.4)	.728 (18.5)
12S	1.094 (27.8)	.120 (3.0)	.7500-20 UNEF	1.094 (27.8)	.562 (14.3)	.750 (19.1)	.625 (15.9)	.187 (4.8)	.812 (20.6)	.134 (3.4)	.646 (16.4)	.854 (21.7)
14S	1.188 (30.2)	.120 (3.0)	.8750-20 UNEF	1.094 (27.8)	.562 (14.3)	.875 (22.2)	.750 (19.1)	.187 (4.8)	.906 (23.0)	.134 (3.4)	.776 (19.7)	.980 (24.9)
16S	1.281 (32.5)	.120 (3.0)	1.0000-20 UNEF	1.094 (27.8)	.562 (14.3)	1.000 (25.4)	.875 (22.2)	.187 (4.8)	.969 (24.6)	.134 (3.4)	.902 (22.9)	1.091 (27.7)
16	1.281 (32.5)	.120 (3.0)	1.0000-20 UNEF	1.532 (38.9)	.750 (19.1)	1.000 (25.4)	.875 (22.2)	.125 (3.2)	.969 (24.6)	.134 (3.4)	.902 (22.9)	1.091 (27.7)
18	1.375 (34.9)	.120 (3.0)	1.1250-18 UNEF	1.532 (38.9)	.750 (19.1)	1.125 (28.6)	1.000 (25.4)	.125 (3.2)	1.062 (27.0)	.134 (3.4)	1.028 (26.1)	1.224 (31.1)
20	1.500 (38.1)	.120 (3.0)	1.2500-18 UNEF	1.532 (38.9)	.750 (19.1)	1.375 (34.9)	1.125 (28.6)	.125 (3.2)	1.156 (29.4)	.134 (3.4)	1.161 (29.5)	1.358 (34.5)
22	1.625 (41.3)	.120 (3.0)	1.3750-18 UNEF	1.532 (38.9)	.750 (19.1)	1.500 (38.1)	1.250 (31.8)	.125 (3.2)	1.250 (31.8)	.134 (3.4)	1.287 (32.7)	1.488 (37.8)
24	1.750 (44.5)	.147 (3.7)	1.5000-18 UNEF	1.531 (39.0)	.812 (20.6)	1.750 (44.5)	1.375 (34.9)	.187 (4.8)	1.375 (34.9)	.154 (3.9)	1.417 (36.0)	1.626 (41.3)
28	2.000 (50.8)	.147 (3.7)	1.7500-18 UNS	1.531 (39.0)	.812 (20.6)	2.000 (50.8)	1.625 (41.3)	.187 (4.8)	1.562 (39.7)	.154 (3.9)	1.654 (42.0)	1.854 (47.1)
32	2.250 (57.2)	.173 (4.4)	2.0000-18 UNS	1.531 (39.0)	.875 (22.2)	2.250 (57.2)	1.875 (47.6)	.250 (6.4)	1.750 (44.5)	.177 (4.5)	1.902 (48.3)	2.118 (53.8)
36	2.500 (63.5)	.173 (4.4)	2.2500-16 UN	1.531 (39.0)	.875 (22.2)	2.500 (63.5)	2.062 (52.4)	.250 (6.4)	1.938 (49.2)	.177 (4.5)	2.150 (54.6)	2.362 (60.0)

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



Panel Cutout

Rev. 1112.1