

Solder Mount Receptacle (Hermetic)

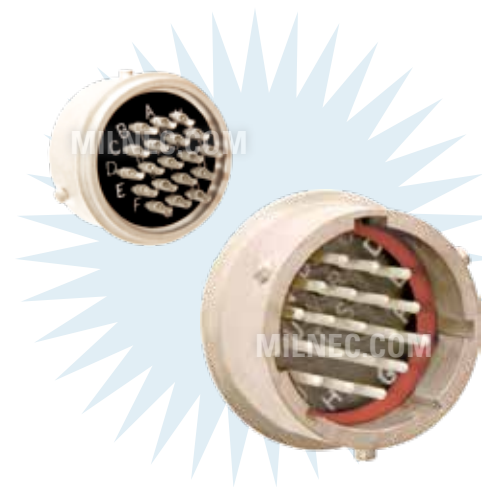
BM Series • MIL-DTL-26482 Series 2 Type Connectors

BM19 H 14-19 P N

- 1 **BASIC PART NUMBER**
BM19 Hermetic solder mount receptacle
 Helium leakage <math> < 1.0 \times 10^{-7}</math> cc³/sec at 15 psi
- 2 **MATERIAL & FINISH**
H Carbon steel, tin plating over nickel
- 3 **SHELL SIZE & INSERT ARRANGEMENT**
 See Insert Arrangement Selection table, p. J-12
- 4 **CONTACT STYLE**
P Pin, tin plated, solder cup termination
G* Pin, gold plated, solder cup termination
S* Socket, tin plated, solder cup termination
H* Socket, gold plated, solder cup termination
- 5 **INSERT ROTATION**
N Normal or W, X, Y, Z, see p. J-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. J-11) for additional kit options.



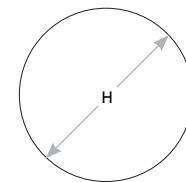
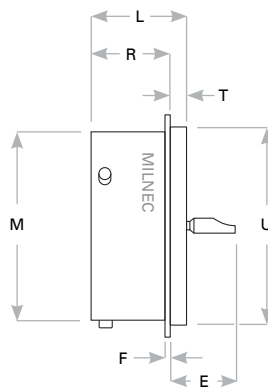
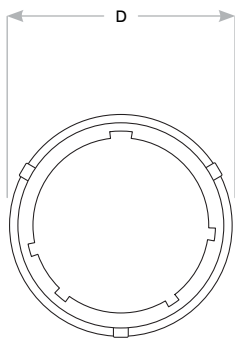
BM19 Compatibility

| Compatible Brands | Mates |
|-------------------------------|----------------|
| MIL-DTL-26482 Series 2 | MS3475, MS3476 |
| Aero / Conesys | AE775, AE776 |
| Amphenol / Matrix | MB16, MB18 |
| Deutsch | AFD56, AFD57 |
| Souriau | 8526-5, 8526-6 |

Receptacle Dimensions

| Shell Size | D | L Max | R | M | F | T | E | U | H |
|------------|--------------|-------------|-------------|--------------|------------|------------|-------------|--------------|--------------|
| 8 | .636 (16.2) | .541 (13.8) | .447 (11.4) | .473 (12.0) | .031 (0.8) | .094 (2.4) | .386 (9.8) | .562 (14.3) | .582 (14.8) |
| 10 | .761 (19.3) | .541 (13.8) | .447 (11.4) | .590 (15.0) | .031 (0.8) | .094 (2.4) | .386 (9.8) | .672 (17.1) | .692 (17.6) |
| 12 | .855 (21.7) | .541 (13.8) | .447 (11.4) | .750 (19.1) | .031 (0.8) | .094 (2.4) | .386 (9.8) | .781 (19.8) | .801 (20.4) |
| 14 | .980 (24.9) | .541 (13.8) | .447 (11.4) | .875 (22.2) | .031 (0.8) | .094 (2.4) | .386 (9.8) | .906 (23.0) | .926 (23.5) |
| 16 | 1.105 (28.1) | .541 (13.8) | .447 (11.4) | 1.000 (25.4) | .031 (0.8) | .094 (2.4) | .386 (9.8) | 1.031 (26.2) | 1.051 (26.7) |
| 18 | 1.229 (31.2) | .541 (13.8) | .447 (11.4) | 1.125 (28.6) | .031 (0.8) | .094 (2.4) | .386 (9.8) | 1.156 (29.4) | 1.176 (29.9) |
| 20 | 1.323 (33.6) | .603 (15.3) | .509 (12.9) | 1.250 (31.8) | .031 (0.8) | .094 (2.4) | .386 (9.8) | 1.250 (31.8) | 1.395 (35.4) |
| 22 | 1.449 (36.8) | .634 (16.1) | .509 (12.9) | 1.375 (34.9) | .031 (0.8) | .125 (3.2) | .418 (10.6) | 1.375 (34.9) | 1.375 (34.9) |
| 24 | 1.574 (40.0) | .667 (17.0) | .542 (13.8) | 1.500 (38.1) | .031 (0.8) | .125 (3.2) | .418 (10.6) | 1.500 (38.1) | 1.520 (38.6) |

Dimensions are in inches (mm).



Panel Cutout

Rev. 2203