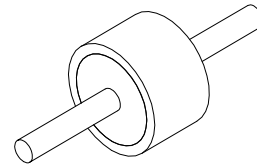
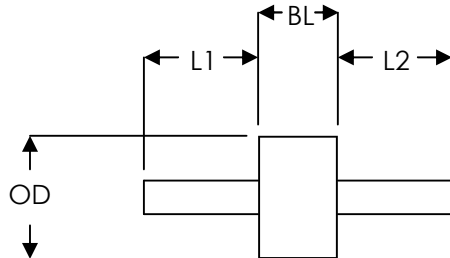




39 Souhegan Street - P.O. Box 269, Wilton, New Hampshire 03086
 TEL (603) 654-2002 FAX (603) 654-2533
 email: sales@shp-seals.com - website: www.shp-seals.com

ISO 9001:2015 Certified

**HERMETIC
STRAIGHT BARREL FEEDTHRU**



These feedthrus are manufactured to SHP's high quality standards of crack-free glass, complete & controlled metal oxidation, stringent meniscus control and quality surface finish. These seals are intended for use in a variety of applications including non-hermetic and hermetic applications for certain housing materials and solders. Max leak rate 1×10^{-8} cc/sec @ 1 atm (He). Contact us for free application consultation.

| STANDARD SEALS (1) (3) | | | | | | | | | |
|------------------------|-----------------|-----------------|---------------------|-----------------------|-------------|------------------------------------|----------------|----------------------------------|---------------------|
| PART NO. | | | | OTHER DIMENSIONS | | | f _c | MATERIAL | |
| SERIES | L1 (3) ±.005 | L2 (3) ±.003 | PLATING CODE (2) | OD +.0015 -.001 | BL ±.002 | PIN DIA. RF ±.0005 DC ±.0015 | GHz | GLASS Corning or Equiv. | FERRULE & PIN |
| 50 Ω | | | | | | | | | |
| SB1118 (5) | xxxR | xxx | 01 | .110 | .060 | .018 | 31 | 7070 | ASTM-F15 |
| SB1520 (5) | xxxR | xxx | 01 | .158 | .060 | .020 | 23 | 7052 | |
| SB7612 (5) | xxxR | xxx | 01 | .076 | .062 | .012 | 46 | 7070 | |
| SB76B12 (6) | xxxR | xxxR | 01 | .076 | .055(7) | .012 | 49 | 7070 | |
| SB76B12 (6) | 041R | 029R | 01 | .076 | .055(7) | .012 | 49 | 7070 | |
| SB76C12 (5) | xxxR | xxx | 01 | .076 | .069 | .012 | 46 | 7070 | |
| SB76D12 (5) | xxxR | xxx | 01 | .076 | .040 | .012 | 46 | 7070 | |
| SB9815 (5) | xxxR | xxx | 01 | .098 | .062 | .015 | 40 | 7070 | |
| DC | | | | | | | | | |
| SB50xx (4) | xxx | xxx | 01 | .050 | .040 | .015, .018, .020 | N/A | 7052 | ASTM-F15 |
| SB98xx (4) | xxx | xxx | 01 | .098 | .062 | .025, .030, .040 | | | |

Example Part No: SB9815-050R-050-01 (SB9815-L1-L2-01)

- NOTES: (1) Seals of any desired geometry can be provided. Contact us for your special requirements.
 (2) Standard plating is 50 microinches minimum GOLD per MIL-G-45204, Type III Grade A over 100-200 microinches NICKEL per MIL-C-26074. Other plating available. Plating thickness is measured on pin.
 (3) Standard pin termination is straight cut (radius on L1 end on 50 Ω). Special pin terminations are also available (See Bulletin 100, Page 3).
 (4) Insert desired pin diameter in thousandths, in series.
 (5) 50 ±2 Ω.
 (6) 50 ±1 Ω.
 (7) BL tolerance is ±.001 in lieu of ±.002

All dimensions are inches.