



507-146 Round Cable Entry Strain Relief Backshell with Saddle Bar Clamps



507-146 Strain Relief Backshells feature saddle bar clamps for easy installation.

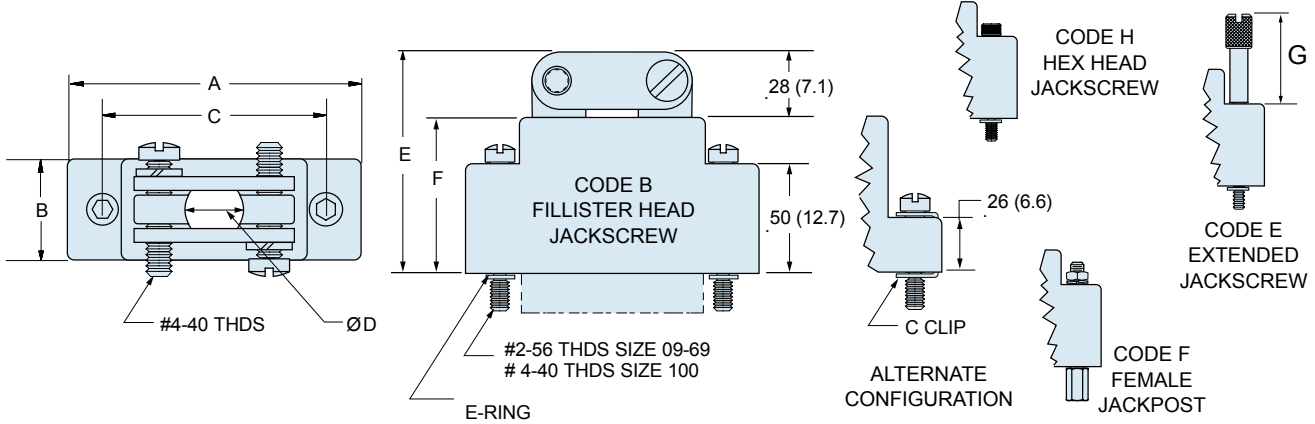
E-Rings attach the backshell to the Micro-D connector.

Materials

- Shell: Aluminum Alloy 6061 -T6
- Clips: 17-7PH Stainless Steel
- Hardware: 300 Series Stainless Steel

| How To Order Round Cable Strain Relief Backshells | | | | | | | |
|---|--|--|------------------------------|------------------------|-----------|---|---|
| Sample Part Number | | | 507-146 | M | 25 | H | C |
| Series | 507-146 | | | | | | |
| Shell Finish | E – Chem Film (Alodyne) | | J – Cadmium, Yellow Chromate | | | | |
| | M – Electroless Nickel | | NF – Cadmium, Olive Drab | | Z2 – Gold | | |
| Connector Size | 09, 15, 21, 25, 31, 37 51, 51-2, 67, 69, 100 (See Table I) | | | | | | |
| Hardware Option | OMIT – Fillister Head Jackscrew | | | H – Hex Head Jackscrew | | | |
| | E – Extended Jackscrew | | | F – Jackpost, Female | | | |
| Jackscrew Attachment Option | OMIT (Leave Blank) – Jackscrews Attach With E-Ring. This Option Applies to Sizes 09 through 69. Size 100 is Not Available with E-Ring. | | | C – "C" Clip | | | |

Table I: Dimensions



| Size | A Max. | | B Max. | | C | | Ø D | | E Max. | | F Max. | | G Max. | |
|------|--------|-------|--------|-------|-------|-------|---------------|---------------|--------|-------|--------|-------|--------|-------|
| | In. | mm. | In. | mm. | In. | mm. | In. ± .010 | mm. ± 0.25 | In. | mm. | In. | mm. | In. | mm. |
| 09 | .915 | 23.24 | .450 | 11.43 | .565 | 14.35 | .160 | 4.06 | .780 | 19.81 | .550 | 13.97 | .540 | 13.72 |
| 15 | 1.065 | 27.05 | .450 | 11.43 | .715 | 18.16 | .190 | 4.83 | .830 | 21.08 | .600 | 15.24 | .590 | 14.99 |
| 21 | 1.215 | 30.86 | .450 | 11.43 | .865 | 21.97 | .220 | 5.59 | .940 | 23.88 | .650 | 16.51 | .700 | 17.78 |
| 25 | 1.315 | 33.40 | .450 | 11.43 | .965 | 24.51 | .260 | 6.60 | .990 | 25.15 | .700 | 17.78 | .740 | 18.80 |
| 31 | 1.465 | 37.21 | .450 | 11.43 | 1.115 | 28.32 | .275 | 6.99 | 1.030 | 26.16 | .740 | 18.80 | .790 | 20.07 |
| 37 | 1.615 | 41.02 | .450 | 11.43 | 1.265 | 32.13 | .285 | 7.24 | 1.070 | 27.18 | .780 | 19.81 | .830 | 21.08 |
| 51 | 1.565 | 39.75 | .495 | 12.57 | 1.215 | 30.86 | .350 | 8.89 | 1.150 | 29.21 | .860 | 21.84 | .910 | 23.11 |
| 51-2 | 1.965 | 49.81 | .450 | 11.43 | 1.615 | 41.02 | .285 | 7.24 | 1.150 | 29.21 | .860 | 21.84 | .910 | 23.11 |
| 67 | 2.365 | 60.07 | .450 | 11.43 | 2.015 | 51.18 | .285 | 7.24 | 1.150 | 29.21 | .860 | 21.84 | .910 | 23.11 |
| 69 | 2.265 | 57.53 | .495 | 12.57 | 1.515 | 38.48 | .350 | 8.89 | 1.150 | 29.21 | .860 | 21.84 | .910 | 23.11 |
| 100 | 2.305 | 58.55 | .540 | 13.72 | 1.800 | 45.72 | .530 | 13.46 | 1.210 | 30.73 | .930 | 23.62 | .970 | 24.63 |

