

“Stay Connected” with



Strain Relief Bushings

a PennEngineering® Company



Heyco® Original Strain Relief Bushings

Straight-Thru for Flat Cables

.375" (9,5 mm) to .500" (12,7 mm) Mounting Holes

- **Protects the lifeline of your electric/ electronic products** by absorbing the forces of pull, push, and twist that may be exerted on the flexible power cord.
- Securely anchors, insulates, and protects cable at panel entry points.
- Sizes for thin .040" (1,0 mm) panel available: SR 4A-6 & SR 3A-4. See charts for details.
- See page 4-38 for corresponding **Mounting Hole Plugs** which can be used to fill blank/unused Mounting Holes and thus allow for a single panel design for multiple applications.
- Consult Heyco for other wire types and sizes.
- See pages 4-27 & 4-28 for SR assembly tools.
- For Double D Mounting Hole Punches, see page 4-30.



MOUNTING HOLE



*To install strain reliefs for .040" (1,0 mm) maximum panel thickness, use **Part #0021** (No. R 291) Hand Pliers.

| UL Type | WILL FIT THESE CABLES | | | PANEL DIMENSIONS | | | | | | PART NO. | DESCRIPTION | PART DIM. | | Mounting Hole Plug PART NO. | | |
|-------------------------------|-----------------------|------------------|------------|-------------------------|---------------|--------------------------|-------|-------------------------------|------|-------------|-------------|------------------|------------|-----------------------------|---------------|---------------|
| | AWG/ Conductors | Approximate Size | | A Mounting Hole Dia. | | B To Prevent Rotation | | Finished Fit Panel Thickness* | | | | C BODY LENGTH | | | | |
| | | in. | mm. | in. | mm. | in. | mm. | in. | mm. | | | in. | mm. | | | |
| 300 OHM† | 20/2 22/2 | .06 x .40 | 1,5 x 10,2 | .375 | 9,5 | | | | | | | | | | | |
| SPT-1 | 18/2 18/3 | .12 x .30 | 3,0 x 7,6 | .375 .390 | 9,5 9,9 | .625- | 15,9- | | | | | 1814 | SR 302-1** | .469 | 11,9 | consult Heyco |
| SPT-2 | 18/2 18/3 | .15 x .40 | 3,8 x 10,2 | .415 .422 | 10,5 10,7 | .640 | 16,3 | .100 | 2,5 | | | | | | | |
| | 16/2 16/3 | .16 x .41 | 4,1 x 10,4 | .422 .437 | 10,7 11,1 | | | | | | | | | | | |
| Same as SR 302-1 above except | | | | | | | | | .156 | 4,0 | 1804 | SR 300-1 | .469 | 11,9 | consult Heyco | |
| CLOCK, X & XT | 20/2 | .09 x .18 | 2,3 x 4,6 | .375 | 9,5 | .345 | 8,8 | .062 | 1,6 | 1017 | SR 2P-4 | .406 | 10,3 | 2617 | | |
| SPT-1 | 18/2 | .11 x .21 | 2,8 x 5,3 | | | | | | | | | | | | | |
| Same as SR 2P-4 above except | | | | | | | | | .125 | 3,2 | 1034 | SR 2L-1 | .406 | 10,3 | 2617 | |
| SPT-1 | 18/2 | .12 x .22 | 3,0 x 5,6 | .437 | 11,1 | .390 | 9,9 | .040 *** | 1,0 | 1074 | SR 3A-4 | .406 | 10,3 | 2488 | | |
| Same as SR 3A-4 above except | | | | | | | | | .062 | 1,6 | 1077 | SR 3P-4 | .406 | 10,3 | 2488 | |
| | | | | | | | | | .100 | 2,5 | 1104 | SR 3W-1 | .406 | 10,3 | | |
| | | | | | | | | | .156 | 4,0 | 1094 | SR 3L-1 | .406 | 10,3 | consult Heyco | |
| SPT-1, SPT-2 & HPN | 18/2 | .12 x .22 | 3,0 x 5,6 | .500 | 12,7 | .445 | 11,3 | .100 | 2,5 | 1130 | SR 4P-4 | .440 | 11,2 | 2491 | | |
| SPT-1 | 18/3 | .12 x .30 | 3,0 x 7,6 | | | | | | | | | | | | | |
| SPT-2 & HPN | 18/2 | .15 x .28 | 3,8 x 7,1 | .500 | 12,7 | .445 | 11,3 | .062 | 1,6 | 1120 | SR 4N-4 | .406 | 10,3 | 2491 | | |
| Same as SR 4N-4 above except | | | | | | | | | .100 | 2,5 | 1117 | SR 4K-4 | .406 | 10,3 | 2491 | |
| | | | | | | | | | .156 | 4,0 | 1127 | SR 4L-4 | .406 | 10,3 | consult Heyco | |
| SPT-1 | 18/3 | .12 x .30 | 3,0 x 7,6 | | | | | | | | | | | | | |
| SPT-2 & HPN | 18/2 | .15 x .28 | 3,8 x 7,1 | .500 | 12,7 | | | | | | | | | | | |
| HPN | 18/3 | .15 x .34 | 3,8 x 8,6 | | | .460 | 11,7 | .095 | 2,4 | 1114 | SR 4K-1 | .500 | 12,7 | 2491 | | |
| SPT-2 HPN | 16/2 | .16 x .30 | 4,1 x 7,6 | .500- .515 | 12,7- 13,1 | | | | | | | | | | | |
| Same as SR 4K-1 above except | | | | | | | | | .187 | 4,7 | 1124 | SR 4L-1 | .500 | 12,7 | consult Heyco | |

Standard color black. Consult Heyco for white and other colors.

†Wire is not UL/CSA approved.

* Maximum Panel Thickness. Part has additional clearance. Consult Heyco for your Custom Finished Fit Panel Thickness.

**Use Elongated Mounting Hole.

***To install Strain Reliefs for .040" (1,0 mm) Maximum Panel Thickness use Part No. **0021** (No. R 291) Hand Pliers.

Material
Certifications

Nylon 6/6
Recognized under the Component Program of Underwriters' Laboratories
File E15331

Flammability Rating
Temperature Range

94V-2
-04°F (-18°C) to 221°F (105°C)

Mouser Electronics

Authorized Distributor

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