



DIMENSIONS in.

EPD's one piece Strain Relief Bushings securely anchor, absorb, and protect cables and wires from push/pull and twist forces, while insulating them from irregular or sharp panel edges. They are easily and quickly installed with special installation pliers or other hand or production tools. Stock sizes are in Black H.S. Nylon, and the temperature index is 105° Centigrade.

Note: All product listed have flat sides. A round hole allows the cord and strain relief side to side rotation, while the hole with flats does not.

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**Available from Mouser Electronics
1-800-346-6873 / www.mouser.com**

EPD-200757

| Item Number | Description | Cross Section of Cable | Cable Size | Cable Type | Gauge | Strap Type * | Flats B | Max. Panel Thk. C | Length D | Width E | Diameter A |
|-------------|-------------|------------------------|--|--|--|--------------|---------|-------------------|----------|---------|------------------------------|
| 561-MP2L10 | MP2L1 | Flat | .120 X .220 | SPT-1 | 18/2 | "Y" | 0.330 | 0.125 | 0.410 | 0.420 | 0.375 |
| 561-MP2M4 | MP2M4 | Round | .156 X .187 | AWN | 14.000 | "Y" | 0.330 | 0.062 | 0.410 | 0.391 | 0.375 |
| 561-MP2M5 | MP2M5 | Round | .125 X .156 | AWN | 16.000 | "Y" | 0.330 | 0.062 | 0.410 | 0.391 | 0.375 |
| 561-MP2P4 | MP2P4 | Flat | .120 X .220 | SPT-1 | 18/2 | "Y" | 0.330 | 0.062 | 0.410 | 0.420 | 0.375 |
| 561-MP3P4 | MP3P4 | Flat | .120 X .220, .120 X .220 | SP-1, SPT-1 | 18/2, 18/2 | "Y" | 0.390 | 0.062 | 0.410 | 0.484 | 0.437 |
| 561-MP4J4 | MP4J4 | Flat | .120 X .300 | SPT-1, SPT-2 HPN | 18/3, 18/2, 18/2 | "Y" | 0.465 | 0.032 | 0.406 | 0.578 | 0.500 |
| 561-MP4K1 | MP4K1 | Flat | .150 X .400, .160 X .300, .160 X .300, .150 X .280, .150 X .280 | SPT-2, HPN SPT-2, HPN, SPT-2 | 18/3, 16/2 16/2, 18/2, 18/2 | "Y" | 0.460 | 0.095 | 0.495 | 0.565 | 0.500 |
| 561-MP4K1Z | MP4K1Z | Flat | .150 X .400, .160 X .300, .160 X .300, .150 X .280, .150 X .280 | SPT-2, HPN, SPT-2, HPN, SPT-2 | 18/3, 16/2, 16/2, 18/2, 18/2 | "Z" | 0.460 | 0.095 | 0.495 | 0.565 | 0.500 |
| 561-MP4K4 | MP4K4 | Flat | .120 X .300 | SPT-2, HPN | 18/2, 18/2 | "Y" | 0.465 | 0.100 | 0.406 | 0.578 | 0.500 |
| 561-MP4L1 | MP4L10 | Flat | .150 X .400, .160 X .300, .160 X .300, .150 X .280, .150 X .280 | SPT-1, HPN, SPT-2, HPN, SPT-2 | 18/3, 16/2, 16/2, 18/2, 18/2 | "Z" | 0.460 | 0.187 | 0.495 | 0.565 | 0.500 |
| 561-MP4L4 | MP4L4 | Flat | .120 X .300 | SPT-1, SPT-2, HPN | 18/3, 18/2, 18/2 | "Y" | 0.465 | 0.156 | 0.406 | 0.578 | 0.500 |
| 561-MP4N4 | MP4N4 | Flat | .120 X .300 | SPT-2, HPN | 18/2, 18/2 | "Y" | 0.465 | 0.062 | 0.406 | 0.578 | 0.500 |
| 561-MP5K4 | MP5K4 | Flat | .150 X .400 | SPT-2 | 16/2 | "Y" | 0.530 | 0.125 | 0.609 | 0.625 | 0.562 |
| 561-MP5KN4 | MP5KN4 | Flat | .150 X .400, .160 X .300 | SPT-2, SPT-2 | 18/3, 16/2 | "Y" | 0.530 | 0.062 | 0.609 | 0.625 | 0.562 |
| 561-MP5N4 | MP5N4 | Round | .250, .250, .255 .255, .290 | SV, SVT, SV SVT, HPD | 18/2, 18/2, 18/3 18/3, 16/2 | "Y" | 0.450 | 0.062 | 0.438 | 0.578 | 0.500 |
| 561-MP5P4 | MP5P4 | Round | .250, .250, .255 .255, .290 | SV, SVT, SV SVT, HPD | 18/2, 18/2, 18/3 18/3, 16/2 | "Y" | 0.450 | 0.100 | 0.438 | 0.578 | 0.500 |
| 561-MP5W1 | MP5W1 | Flat | .120 X .300, .160 X .300 .160 X .410, .160 X .370 | SPT-2, SPT-2 SPT-2, HPN | 18/3, 16/2 16/3, 16/3 | "Y" | 0.530 | 0.125 | 0.609 | 0.625 | 0.562 |
| 561-MP6L1 | MP6L10 | Round | .325 X .360 | SJ, SJT, SJO | 18/2, 18/3, 16/2 16/3, 16/2, 16/3 | "Z" | 0.550 | 0.125 | 0.666 | 0.725 | 0.625 |
| 561-MP6N34 | MP6N34 | Round | .355, .405, .430 | SJ, SJT, SJO | 16/3, 18/3, 16/3 | "Y" | 0.550 | 0.062 | 0.580 | 0.703 | 0.625 |
| 561-MP6N35 | MP6N35 | Round | .390, .390, .405, .405, .390 | SJO, SJ, SJO, SJO, SJO | 18/2, 18/2, 16/2 18/2, 18/2 | "Y" | 0.550 | 0.062 | 0.580 | 0.703 | 0.625 |
| 561-MP6N4 | MP6N4 | Round | .300, .300 | SJT, SJO | 18/2, 18/2 | "Y" | 0.550 | 0.062 | 0.580 | 0.703 | 0.625 |
| 561-MP6N44 | MP6N44 | Flat | .120 X .300 | SPT-1 | 18/3 | "Y" | 0.570 | 0.062 | 0.600 | 0.690 | 0.625 |
| 561-MP6N45 | MP6N45 | Flat | .120 X .300 | SPT-1 | 18/3 | "Y" | 0.545 | 0.062 | 0.600 | 0.690 | 0.625 |
| 561-MP6P34 | MP6P34 | Round | .325 X .360 | SJ, SJT, SJO, SJO | 18/3, 16/3, 18/3 18/3 | "Y" | 0.550 | 0.125 | 0.580 | 0.703 | 0.625 |
| 561-MP6P35 | MP6P35 | Round | .325 X .360 | SJ, SJ, SJ, SJT, SJO, SJO, SJO, SJO | 18/2, 18/3, 16/2, 16/2, 18/2, 18/2, 16/2, 18/3 | "Y" | 0.550 | 0.125 | 0.580 | 0.703 | 0.625 |
| 561-MP6P4 | MP6P40 | Round | .300 | SJ, SJO | 18/2 | "Y" | 0.550 | 0.125 | 0.580 | 0.703 | 0.625 |
| 561-MP6W1 | MP6W10 | Round | .300 | SJ, SJO | 18/2 | "Y" | 0.465 | 0.090 | 0.437 | 0.563 | 0.500 |
| 561-MP7K2 | MP7K2 | Round | .325 X .360 | SJ, SJ, SJ, SJ, SJO, SJO | 18/4, 16/2, 16/3, 14/2, 18/3, 16/3, 14/2, 16/3, 18/4 | "Z" | 0.770 | 0.125 | 0.750 | 0.922 | 0.875 |
| 561-MP7K3 | MP7K3 | Round | .325 X .360 | SJ, SJ, SJO, SJO, SJO | 18/3, 16/2, 16/2, 18/3, 16/2 | "Z" | 0.770 | 0.125 | 0.750 | 0.922 | 0.875 |
| 561-MP7P2 | MP7P2 | Round | .360, .370, .405, .430, .405, .430, .405, .390, .390, .405 | SJTO, SJO, S, S, STO, STO, S, S, STO, STO | 18/4, 14/3, 18/3 16/3, 18/3, 16/3 16/2, 18/2, 18/2 16/2 | "X" | 0.660 | 0.125 | 0.745 | 0.830 | 0.750 |
| 561-MP7P3 | MP7P3 | Flat | .160 X .410 | SPT-2 | 16/3 | "Z" | 0.657 | 0.125 | 0.590 | 0.785 | 0.736 |
| 561-MP7W20 | MP7W2 | Round | .370 - .425, .370 - .425, .390 - .430, .390 - .430, .390 - .430, .390 - .430, .390 - .430 | SJT, SJO, S, S, STO, STO, STO | 14/3, 12/3, 18/3 16/3, 16/2, 16/3 18/3 | "Z" | 0.770 | 0.125 | 0.750 | 0.922 | 0.875 |
| 561-MP8P2 | MP8P2 | Round | .530 - .600 | S, S, ST | 14/2, 14/3, 12/2 | "Z" | 0.840 | 0.125 | 0.812 | 0.922 | 0.875 |
| 561-MP9P2 | MP9P2 | Round | .570, .640, .650, .700 | S | 12/3, 10/2, 10/3 | "Z" | 1.000 | 0.281 | 0.990 | 1.215 | 1.093, 1.125 1.093, 1.187 |
| 561-MP13L1 | MP13L1 | Flat | .120 X .220 | SPT-1 | 18/2 | "Z" | 0.390 | 0.062 | 0.500 | 0.510 | 0.437 |
| 561-MP14L1 | MP14L1 | Flat | .150 X .280, .150 X .280, .160 X .300 | SPT-2, SPT-2 HPN | 18/2, 16/2, 16/2 | "Z" | 0.450 | 0.100 | 0.687 | 0.563 | 0.500 |
| 561-MP15L1 | MP15L1 | Round | .250 X .265 | SV | 18/2, 18/3 | "Z" | 0.450 | 0.100 | 0.687 | 0.562 | 0.500 |
| 561-MP16L1 | MP16L1 | Flat | .150 X .400, .160 X .370, .190 X .350, .200 X .370 | SP-2, HPN, SPT-3, SPT-3 | 18/3, 16/3, 18/2, 16/2 | "Z" | 0.525 | 0.125 | 0.875 | 0.625 | 0.562 |
| 561-MP30-1 | MP30-1 | Flat | .160 X .410, .120 X .300 | SPT-2, SPT-1 | 16/3, 16/3 | "Z" | 0.560 | 0.125 | 0.670 | 0.750 | 0.730 |
| 561-23MP302 | MP302 | Flat | .150 X .400, .160 X .410, .320 X .650 | SPT-2, SPT-2 SPT-3 | 18/3, 18/3, 16/3 | "Z" | 0.625 | 0.100 | 0.460 | 0.660 | 0.625 X 0.375 |
| 561-MP31-2 | MP31-2 | Flat, Round | .180 - .425, .425 - .475 | SJT, SPT-3 | 12/3, 12/3 | "Z" | 0.840 | 0.125 | 0.812 | 0.922 | 0.875 |
| 561-MP33-10 | MP33-10 | Flat | .245 X 0.425, .240 X .420, .240 X .525 | SPT-3, SPT-3, HPN | 16/3, 14/2, 14/3 | "Z" | 0.875 | 0.125 | 0.770 | 0.895 | 0.750 X 0.875 |
| 561-MP34-2X | MP34-2X | Flat | .240 X .420, .290 X .650 | SPT-3, SPT-3 | 14/3, 12/3 | "X" | 0.840 | 0.125 | 0.812 | 0.922 | 0.875 |

* The strap type brings the mating half of the part from different locations.

"X" folds from the side

"Z" folds from the bottom

"Y" folds from between X and Z

Available from Mouser Electronics
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EPD-200757

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