



## 500-017 & 500-037 Micro-D Metal Protective Cover



Choose **Metal Protective Covers** for full environmental protection.

**Silicone Rubber gasket** provides a watertight seal.

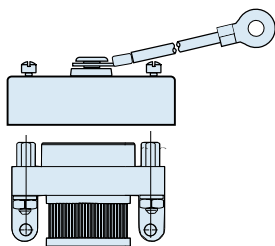
Use with **M83513 Type Metal Shell Micro-D Connectors**

### MATERIALS & FINISHES

|          |                                        |
|----------|----------------------------------------|
| Shell    | Aluminum Alloy 6061 -T6                |
| Gasket   | Silicone Rubber                        |
| Hardware | 300 Series Stainless Steel, Passivated |

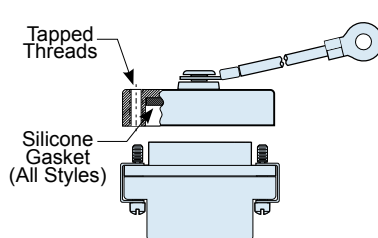
### SELECT A PROTECTIVE COVER STYLE

**Style 1**



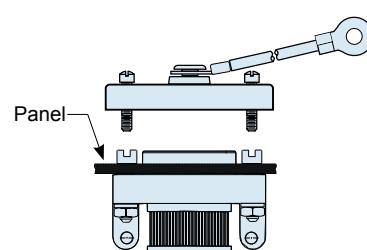
Use With Micro-D Connectors With Jackposts  
Not for rear panel mounted connectors.

**Style 2**



Use With Micro-D Connectors With Jackscrews

**Style 3**



Use With Rear-Panel Mounted Micro-D Connectors

### HOW TO ORDER STYLE 1 AND STYLE 2 PROTECTIVE COVERS

| Series             | Shell Finish                        | Connector Size | Hardware Option                                                                                                                                                                                                                                                          | Lanyard Option                                                                                                                                             | Lanyard Length                                                                      | Ring Terminal Ordering Code                                                                                                                       |  |  |  |
|--------------------|-------------------------------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| 500-017            | <b>C</b> – Black Anodize            | <b>09</b>      | <div>STYLE 1</div> <div></div> <div>Fits Micro-D's With Jackposts<br/>Cover has Jackscrews</div> <div><b>MB</b> – Fillister Head Jackscrew<br/><b>MH</b> – Hex Head Jackscrew</div>   | <div><b>N</b> – No Lanyard<br/><b>G</b> – Flexible Nylon Rope<br/><b>F</b> – Wire Rope, Nylon Jacket<br/><b>H</b> – Wire Rope, Hi-Temp Teflon Jacket</div> | <div>Length in One Inch Increments</div> <div>Example: "6" equals six inches.</div> | <div><b>06</b> – .125 (3.2)<br/><b>01</b> – .140 (3.6)<br/><b>05</b> – .167 (4.2)<br/><b>04</b> – .197 (5.0)<br/><br/>I.D. of Ring Terminal</div> |  |  |  |
|                    | <b>E</b> – Chem Film                | <b>21</b>      |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    | <b>J</b> – Cadmium, Yellow Chromate | <b>25</b>      |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    |                                     | <b>31</b>      |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    |                                     | <b>37</b>      |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    | <b>M</b> – Electroless Nickel       | <b>51</b>      | <div>STYLE 2</div> <div></div> <div>Fits Micro-D's With Jackscrews<br/>Cover has Tapped Female Threads</div> <div><b>F</b> – Female Threads</div> <div>(STYLE 3: see next page)</div> |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    |                                     | <b>51-2</b>    |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    | <b>NF</b> – Cadmium, Olive Drab     | <b>67</b>      |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    |                                     | <b>69</b>      |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
|                    | <b>Z2</b> – Gold                    | <b>100</b>     |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
| Sample Part Number |                                     |                |                                                                                                                                                                                                                                                                          |                                                                                                                                                            |                                                                                     |                                                                                                                                                   |  |  |  |
| 500-017            | <b>M</b>                            | <b>25</b>      | <b>MB</b>                                                                                                                                                                                                                                                                | <b>F</b>                                                                                                                                                   | <b>4</b>                                                                            | <b>– 06</b>                                                                                                                                       |  |  |  |

# 500-017 & 500-037 Micro-D Metal Protective Cover



MIL-DTL-83513  
Micro-D

## HOW TO ORDER STYLE 3 PROTECTIVE COVERS FOR REAR MOUNT CONNECTORS

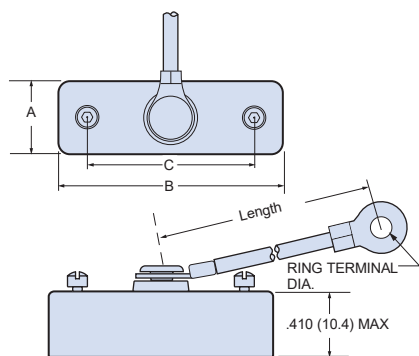
| Series  | Shell Finish                 | Connector Size | Panel Thickness Option | Hardware Option                                                                                               | Lanyard Option                       | Ring Terminal Ordering Code | Length (In Inches)                                  |
|---------|------------------------------|----------------|------------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------------|-----------------------------------------------------|
| 500-037 | C - Black Anodize            | 09             | R1 - .031 (0.79) Panel | <b>STYLE 3</b><br><br>Fits Micro-D's With Jackposts<br>B - Fillister Head Jackscrew<br>H - Hex Head Jackscrew | N - No Lanyard                       | 06 - .125 (3.2)             | 2 - Inches<br><br>(Omit for Standard 4-inch Length) |
|         | E - Chem Film                | 15             | R2 - .047 (1.19) Panel |                                                                                                               | G - Flexible Nylon Rope              | 01 - .140 (3.6)             |                                                     |
|         | J - Cadmium, Yellow Chromate | 21             | R3 - .062 (1.57) Panel |                                                                                                               | F - Wire Rope, Nylon Jacket          | 05 - .167 (4.2)             |                                                     |
|         | M - Electroless Nickel       | 25             | R4 - .093 (2.36) Panel |                                                                                                               | H - Wire Rope, Hi-Temp Teflon Jacket | 04 - .197 (5.0)             |                                                     |
|         |                              | 31             |                        |                                                                                                               |                                      | I.D. of Ring Terminal       |                                                     |
|         |                              | 37             |                        |                                                                                                               |                                      |                             |                                                     |
|         |                              | 51             |                        |                                                                                                               |                                      |                             |                                                     |
|         |                              | 51-2           |                        |                                                                                                               |                                      |                             |                                                     |
|         | NF - Cadmium, Olive Drab     | 67             |                        |                                                                                                               |                                      |                             |                                                     |
|         | ZZ - Gold                    | 69             |                        |                                                                                                               |                                      |                             |                                                     |
|         |                              | 100            |                        |                                                                                                               |                                      |                             |                                                     |

### Sample Part Number

|         |   |    |    |   |   |      |   |
|---------|---|----|----|---|---|------|---|
| 500-037 | J | 31 | R4 | B | G | - 06 | 2 |
|---------|---|----|----|---|---|------|---|

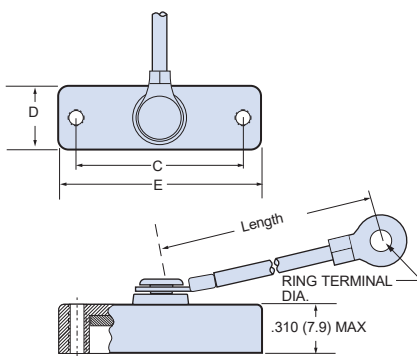
## PROTECTIVE COVER DIMENSIONS

Style 1



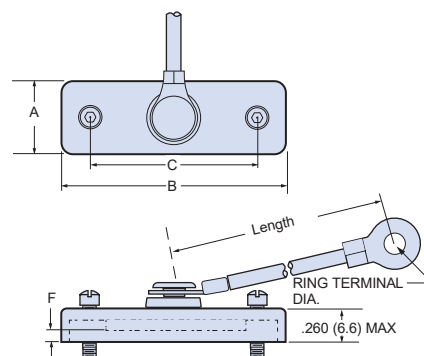
#2-56 UNC THREADS SIZES 9-69  
#4-40 UNC THREADS SIZE 100

Style 2



#2-56 UNC THREADS SIZES 9-69  
#4-40 UNC THREADS SIZE 100

Style 3



#2-56 UNC THREADS SIZES 9-69  
#4-40 UNC THREADS SIZE 100

For Micro-D Connectors With Jackposts

For Micro-D Connectors With Jackscrews

For Rear-Panel Mounted Micro-D

| Size | A Max. |      | B Max. |      | C     |       | D Max. |       | E Max. |       | F               |      |     |
|------|--------|------|--------|------|-------|-------|--------|-------|--------|-------|-----------------|------|-----|
|      | In.    | mm.  | In.    | mm.  | In.   | mm.   | In.    | mm.   | In.    | mm.   | Panel Thickness | In.  | mm. |
| 09   | .453   | 11.5 | .930   | 23.6 | .565  | 14.35 | .380   | 9.65  | .795   | 20.19 | R1              | .126 | 3.2 |
| 15   | .453   | 11.5 | 1.080  | 27.4 | .715  | 18.16 | .380   | 9.65  | .945   | 24.00 | R2              | .110 | 2.8 |
| 21   | .453   | 11.5 | 1.230  | 31.2 | .865  | 21.97 | .380   | 9.65  | 1.095  | 27.81 | R3              | .095 | 2.4 |
| 25   | .453   | 11.5 | 1.330  | 33.8 | .965  | 24.51 | .380   | 9.65  | 1.195  | 30.35 | R4              | .064 | 1.6 |
| 31   | .453   | 11.5 | 1.480  | 37.6 | 1.115 | 28.32 | .380   | 9.65  | 1.345  | 34.16 |                 |      |     |
| 37   | .453   | 11.5 | 1.630  | 41.4 | 1.265 | 32.13 | .380   | 9.65  | 1.495  | 37.97 |                 |      |     |
| 51   | .496   | 12.6 | 1.580  | 40.1 | 1.215 | 30.86 | .420   | 10.67 | 1.445  | 36.70 |                 |      |     |
| 51-2 | .453   | 11.5 | 1.980  | 50.3 | 1.615 | 41.02 | .380   | 9.65  | 1.845  | 46.86 |                 |      |     |
| 67   | .453   | 11.5 | 2.380  | 60.5 | 2.015 | 51.18 | .380   | 9.65  | 2.245  | 57.02 |                 |      |     |
| 69   | .496   | 12.6 | 1.880  | 47.8 | 1.515 | 38.48 | .420   | 10.67 | 1.745  | 44.32 |                 |      |     |
| 100  | .539   | 13.7 | 2.315  | 58.8 | 1.800 | 45.72 | .470   | 11.94 | 2.180  | 55.37 |                 |      |     |