



# Series 801 Mighty Mouse Double-Start ACME Thread Metal Protective Cover 667-217 and 667-218 Ordering Information



## Protect Connectors From Damage

Machined aluminum covers have rubber gaskets for a watertight fit.

## Stainless Steel Fittings and Rings

Choose small diameter eye fittings for panel attachment. Larger rings fit under the jam nut or over cable jackets. Split rings can be installed on fully assembled cables.

## Polyurethane-Coated SST Wire Rope

offers high strength, excellent abrasion resistance and good flexibility. Or, choose Fluoropolymer jacket for high temperature exposure.

**Braided Nylon Rope** provides excellent flexibility and good abrasion resistance, and can be ordered with slip knot fittings for easy installation on any size cable.

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| How To Order                      |                                                                                                                                                                                                                                                                                                                                                                                                                                |    |    |   |    |    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|----|----|
| Sample Part Number                | 667-217                                                                                                                                                                                                                                                                                                                                                                                                                        | -M | -G | 9 | 04 | -6 |
| Series<br>(See Table I)           | <b>667-217</b> = Plug Cover<br><b>667-218</b> = Receptacle Cover                                                                                                                                                                                                                                                                                                                                                               |    |    |   |    |    |
| Material and Finish               | <b>C</b> = Aluminum / Black Anodize (Non-Conductive) RoHS Compliant<br><b>M</b> = Aluminum / Electroless Nickel RoHS Compliant<br><b>MT</b> = Aluminum / Nickel-PTFE RoHS Compliant<br><b>NF</b> = Aluminum / Cadmium with Olive Drab Chromate<br><b>ZNU</b> = Aluminum / Zinc-Nickel with Black Chromate<br><b>Z1</b> = Stainless Steel / Passivated RoHS Compliant                                                           |    |    |   |    |    |
| Attachment Type                   | <b>-D</b> = Bead Chain, CRES, Passivate<br><b>-F</b> = Wire Rope, Nylon Jacket<br><b>-G</b> = Nylon Rope<br><b>-H</b> = SST Wire Rope, Fluoropolymer Jacket<br><b>-N</b> = No Attachment<br><b>-R</b> = Wire Rope, PVC Jacket<br><b>-S</b> = SST Sash Chain<br><b>-SK</b> = Nylon Rope With Slip Knot<br><b>-T</b> = SST Wire Rope, No Jacket<br><b>-U</b> = SST Wire Rope, Polyurethane Jacket<br><br>"SST" = Stainless Steel |    |    |   |    |    |
| Shell Size                        | <b>5, 6, 7, 8, 9, 10, 11, 13, 16, 17, 19, 21</b>                                                                                                                                                                                                                                                                                                                                                                               |    |    |   |    |    |
| Attachment Code<br>(See Table II) | Small Ring = <b>01</b> thru <b>06</b> Split Ring = <b>50</b> thru <b>68</b><br>Solid Ring = <b>14</b> thru <b>33</b>                                                                                                                                                                                                                                                                                                           |    |    |   |    |    |
| Attachment Length (inches)        | Omit for attachment Type N (No Attachment) Example<br>"-6" equals six inch length                                                                                                                                                                                                                                                                                                                                              |    |    |   |    |    |

Table I: Cover Style

|                              |                                    |
|------------------------------|------------------------------------|
|                              |                                    |
| <b>667-217</b><br>Plug Cover | <b>667-218</b><br>Receptacle Cover |

Table II: Attachment Code

| Omit for attachment types <b>N</b> (No Attachment) and <b>SK</b> (Slip Knot) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Small Ring</b><br><br>± .010 I.D. tolerance                               | <b>01</b> - .126 (3.20) I.D.<br><b>02</b> - .145 (3.68) I.D.<br><b>04</b> - .188 (4.78) I.D.<br><b>06</b> - .197 (5.00) I.D.                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Large Ring</b><br><br>± .015 I.D. tolerance                               | <b>32</b> - .265 (.37) I.D.<br><b>29</b> - .315 (8.00) I.D.<br><b>14</b> - .385 (9.78) I.D.<br><b>15</b> - .445 (11.30) I.D.<br><b>33</b> - .510 (12.95) I.D.<br><b>16</b> - .570 (14.48) I.D.<br><b>17</b> - .635 (16.13) I.D.<br><b>18</b> - .695 (17.65) I.D.<br><b>27</b> - .766 (.89) I.D.<br><b>19</b> - .885 (22.48) I.D.<br><b>26</b> - .950 (24.13) I.D.<br><b>20</b> - 1.070 (27.17) I.D.<br><b>21</b> - 1.135 (28.83) I.D.<br><b>22</b> - 1.210 (30.73) I.D.<br><b>23</b> - 1.275 (32.39) I.D.<br><b>30</b> - 1.380 (35.05) I.D. |
| <b>Split Ring</b><br>                                                        | <b>50</b> - .432 (11.00) I.D.<br><b>52</b> - .492 (12.50) I.D.<br><b>54</b> - .648 (16.50) I.D.<br><b>56</b> - .757 (19.20) I.D.<br><b>58</b> - .898 (22.80) I.D.<br><b>60</b> - 1.023 (26.00) I.D.<br><b>64</b> - 1.137 (28.90) I.D.<br><b>68</b> - 1.357 (34.50) I.D.                                                                                                                                                                                                                                                                     |

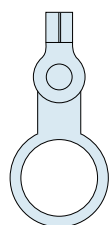
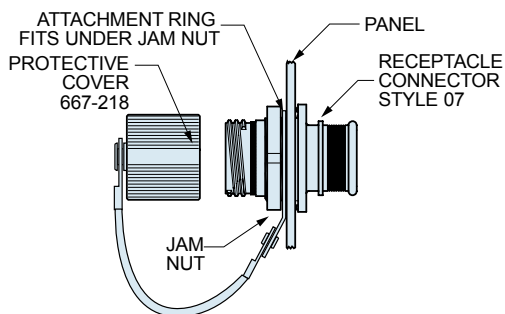
Dimensions in Inches (millimeters) are subject to change without notice.

# Series 801 Mighty Mouse Double-Start ACME Thread Metal Protective Cover 667-217 and 667-218 Dimensions



Accessories

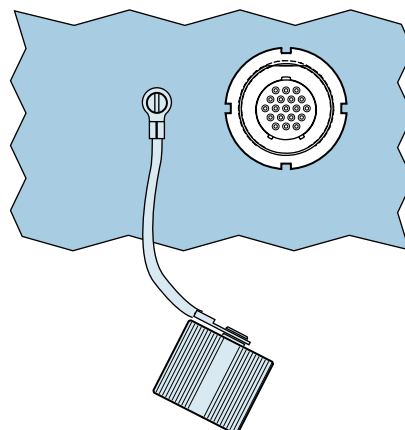
## 667-218 Cover Attachment for RPM Jam Nut Receptacle



Solid Ring

| Atch. Code | Shell Size | Ring I.D.  |           | Ring O.D.  |            |
|------------|------------|------------|-----------|------------|------------|
|            |            | In. ± .015 | mm. ±0.25 | In. ± .015 | mm. ± 0.38 |
| 14         | 5          | .385       | 9.78      | .51        | 12.95      |
| 15         | 6          | .445       | 11.30     | .57        | 14.35      |
| 16         | 7, 8       | .570       | 14.48     | .69        | 17.40      |
| 17         | 9          | .635       | 16.13     | .76        | 19.30      |
| 18         | 10         | .695       | 17.65     | .82        | 20.82      |
| 27         | 11         | .766       | 19.46     | .89        | 22.61      |
| 19         | 13         | .885       | 22.48     | 1.01       | 25.65      |
| 20         | 16         | 1.070      | 27.17     | 1.20       | 30.35      |
| 21         | 17         | 1.135      | 28.83     | 1.25       | 31.75      |
| 23         | 19         | 1.275      | 30.734    | 1.37       | 33.27      |
| 30         | 21         | 1.380      | 35.05     | 1.52       | 37.85      |

## 667-218 Cover Attachment to a Panel with a Screw

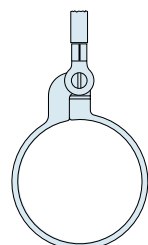
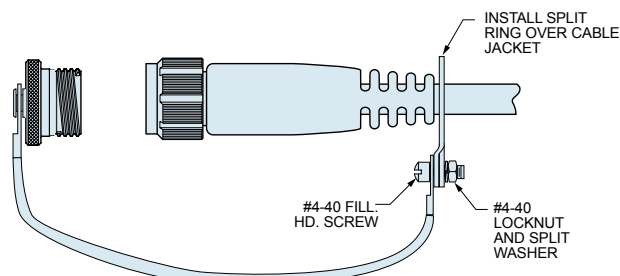


Small Ring for Attaching Receptacle Covers to a Panel with a Screw

| Atch. Code | Screw Size | Ring I.D. |           | Ring O.D. |          |
|------------|------------|-----------|-----------|-----------|----------|
|            |            | In. ±.010 | mm. ±0.13 | In. Max.  | mm. Max. |
| 01         | #4, M3     | .126      | 3.20      | .31       | 7.9      |
| 02         | #6         | .145      | 3.68      | .31       | 7.9      |
| 04         | #8, M4     | .188      | 4.78      | .31       | 7.9      |
| 06         | #10        | .197      | 5.00      | .31       | 7.9      |

X

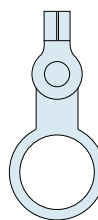
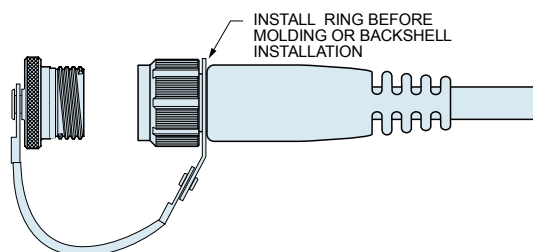
## 667-217 Cover Attachment to Cable



Large Split Ring for Attaching Covers to Cables

| Atch. Code | Max. Cable Dia. (in.) | Ring Diameter |       |         |       |
|------------|-----------------------|---------------|-------|---------|-------|
|            |                       | Min. ID       |       | Max. OD |       |
|            |                       | In.           | mm.   | In.     | mm.   |
| 50         | .410                  | .420          | 10.67 | .580    | 14.73 |
| 52         | .470                  | .480          | 12.19 | .640    | 16.26 |
| 54         | .625                  | .635          | 16.13 | .796    | 20.22 |
| 56         | .735                  | .745          | 18.92 | .905    | 22.99 |
| 58         | .875                  | .885          | 22.48 | 1.046   | 26.57 |
| 60         | 1.000                 | 1.010         | 25.65 | 1.171   | 29.74 |
| 64         | 1.115                 | 1.125         | 28.58 | 1.285   | 32.64 |
| 68         | 1.335                 | 1.345         | 34.16 | 1.505   | 38.23 |

## 667-217 Cover Attachment to Cable Assembly



Solid Ring

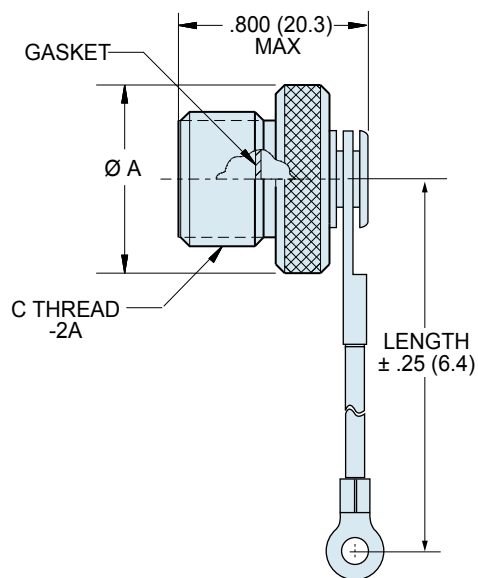
| Atch. Code | Shell Size | Ring I.D.  |           | Ring O.D.  |            |
|------------|------------|------------|-----------|------------|------------|
|            |            | In. ± .015 | mm. ±0.25 | In. ± .015 | mm. ± 0.38 |
| 29         | 5          | .315       | 8.00      | .44        | 11.18      |
| 14         | 6          | .385       | 9.78      | .51        | 12.95      |
| 33         | 7, 8       | .510       | 12.95     | .62        | 15.75      |
| 16         | 9          | .570       | 14.48     | .69        | 17.53      |
| 17         | 10         | .635       | 16.13     | .76        | 19.30      |
| 18         | 11, 13     | .695       | 17.65     | .82        | 20.83      |
| 26         | 16, 17     | .950       | 24.13     | 1.14       | 28.96      |
| 20         | 19         | 1.070      | 27.18     | 1.20       | 30.48      |
| 22         | 21         | 1.210      | 30.73     | 1.31       | 33.27      |

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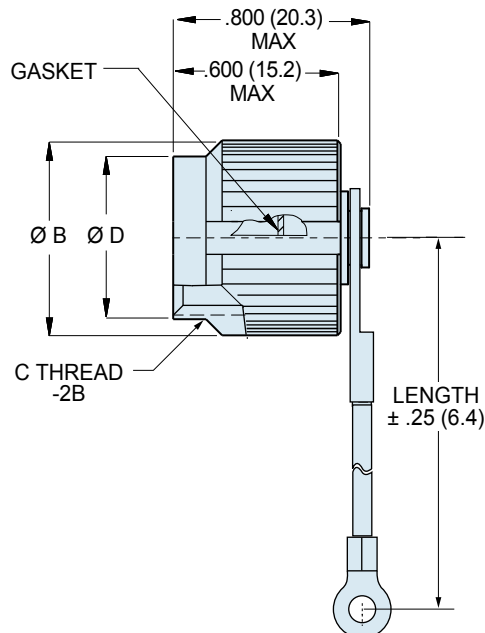
# Series 801 Mighty Mouse

## Double-Start ACME Thread Metal Protective Cover

### 667-217 and 667-218 Dimensions



**667-217 Plug Cover**



**667-218 Receptacle Cover**

| Dimensions |          |      |          |       |                          |      |                |
|------------|----------|------|----------|-------|--------------------------|------|----------------|
| Shell Size | Ø A Max. |      | Ø B Max. |       | Ø D Max.<br>±.015 (0.38) |      | C Thread       |
|            | In.      | mm.  | In.      | mm.   | In.                      | mm.  |                |
| 5          | .465     | 11.8 | .488     | 12.40 | .368                     | 9.3  | .3125-.05P-.1L |
| 6          | .525     | 13.3 | .555     | 14.10 | .453                     | 11.5 | .375-.05P-.1L  |
| 7          | .590     | 14.9 | .615     | 15.62 | .538                     | 13.7 | .4375-.05P-.1L |
| 8          | .653     | 16.6 | .675     | 17.15 | .587                     | 14.9 | .5000-.05-.1L  |
| 9          | .715     | 18.0 | .840     | 21.34 | .648                     | 16.5 | .5625-.05P-.1L |
| 10         | .778     | 19.7 | .905     | 22.95 | .712                     | 18.1 | .6250-.05P-.1L |
| 11         | .840     | 21.3 | .948     | 24.1  | .778                     | 19.8 | .6875-.05P-.1L |
| 13         | .965     | 24.4 | .995     | 25.27 | .904                     | 22.9 | .8125-.1P-.2L  |
| 16         | 1.150    | 29.2 | 1.261    | 32.03 | 1.092                    | 27.7 | 1.000-.1P-.2L  |
| 17         | 1.215    | 30.8 | 1.321    | 33.55 | 1.158                    | 29.4 | 1.062-.1P-.2L  |
| 19         | 1.340    | 34.0 | 1.447    | 36.8  | 1.283                    | 32.6 | 1.1875-.1P-.2L |
| 21         | 1.477    | 37.5 | 1.570    | 39.88 | 1.412                    | 35.8 | 1.3125-.1P-.2L |

## NOTES

### Materials and Finishes

1. Cover: Aluminum alloy or stainless steel
2. Gasket: Fluorosilicone rubber
3. Wire, Hardware: Stainless steel, passivated

| Lanyard Options                                                                      |                                                                                                                                                                  |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | -65° to +100°C., black, very flexible, very good abrasion resistance, good resistance to fuels, .120" (3mm) diameter                                             |
|  | Black polyurethane over stainless steel rope, -65° to +125°C., very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter |
|  | Translucent FEP jacket over stainless steel, -65° to +200°C., fair flexibility, good abrasion resistance, .100" diameter                                         |
|  | Stainless steel, #8 chain, .240" (6mm)                                                                                                                           |
|  | 65° to +100°C., black, very flexible, very good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) diameter loop.   |

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