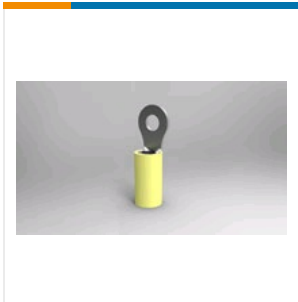




# CRIMP RINGS & SPADES



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) TERMINAL,PIDG R 12-10 8 PIDG

2-35108-1  
TE Internal Number: 2-35108-1  
Mil-Spec: MS25036-156  
Alias ID: 1098560

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **4.34 mm [ .171 in ]**

Tongue Thickness **1.02 mm [ .04 in ]**

Sealed **No**

Heavy Duty **No**

### Product Drawings

[WIRE TERMINAL P.I.D.G RING TONGUE WIRE SIZE: 12-10](#)

PDF  
English

### CAD Files

[3D PDF](#)  
PDF  
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[Customer View Model](#)  
2D\_DXF.ZIP  
English

[Customer View Model](#)  
3D\_IGS.ZIP  
English

[Customer View Model](#)  
3D\_STP.ZIP  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_2-35108-1\\_11182014454\\_dmtec](#)  
PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

### Product Type Features

|                        |                      |
|------------------------|----------------------|
| Sealed                 | <b>No</b>            |
| Barrel Type            | <b>Closed Barrel</b> |
| Wire/Cable Type        | <b>Regular Wire</b>  |
| Insulated              | <b>Yes</b>           |
| Insulated Wire Support | <b>Yes</b>           |

|                            |                                  |  |
|----------------------------|----------------------------------|--|
|                            | Support Style                    | <b>Insulation Support</b>  |
|                            | Stud Size                        | <b>8, M4</b>   |
|                            | Shape Code                       | <b>RING-041</b>  |
|                            | Barrel Style                     | <b>Standard</b>  |
|                            | Wire/Cable Composition           | <b>Solid or Stranded</b>   |
| Configuration Features     | Terminal Angle                   | <b>Straight</b>  |
|                            | Number of Holes                  | <b>1</b>   |
| Electrical Characteristics | Voltage (Max) (V)                | <b>300</b>   |
|                            |                                  |  |
| Body Features              | Plating Material                 | <b>Copper, Tin</b>   |
|                            | Plating Thickness                | <b>2.54 <math>\mu\text{m}</math> [ 100 <math>\mu\text{in}</math> ]</b> |
|                            | Insulation Material              | <b>Nylon</b>   |
|                            | Inspection Slot                  | <b>No</b>  |
|                            | Weight per Piece (g)             | <b>2.53</b>  |
|                            | Insulation Type                  | <b>Pre-Insulated</b>   |
| Contact Features           | Terminal Shape                   | <b>Ring Tongue</b>   |
|                            | Terminal Orientation             | <b>Straight</b>  |
|                            | Class                            | <b>2</b>   |
| Dimensions                 | Stud Diameter                    | <b>4.34 mm [ .171 in ]</b>   |
|                            | Tongue Thickness                 | <b>1.02 mm [ .04 in ]</b>  |
|                            | Wire Insulation Diameter (Max)   | <b>6.35 mm [ .25 in ]</b>  |
|                            | Wire Insulation Diameter         | <b>3.81 – 6.35 mm [ .15 – .25 in ]</b>                                 |
|                            | Wire Size (AWG)                  | <b>12 – 10</b>   |
|                            | Wire Size (mm <sup>2</sup> )     | <b>2.62 – 6.64</b>   |
|                            | Wire Size (CMA)                  | <b>5180 – 13100</b>  |
|                            | Barrel Inside Diameter           | <b>6.4 mm [ .252 in ]</b>  |
|                            | Material Thickness               | <b>1.02 mm [ .04 in ]</b>  |
|                            | Overall Length                   | <b>27.51 mm [ 1.08 in ]</b>  |
| Usage Conditions           | Operating Temperature Range (°C) | <b>105</b>   |
| Operation/Application      | Heavy Duty                       | <b>No</b>  |

|                    |                      |                     |
|--------------------|----------------------|---------------------|
| Industry Standards | Government Qualified | <b>Yes</b>          |
| Packaging Features | Packaging Method     | <b>Tape Mounted</b> |
|                    | Packaging Quantity   | <b>2500</b>         |
| Other              | Barrel Color         | <b>Yellow</b>       |

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

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