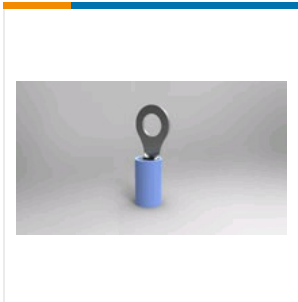




# CRIMP RINGS & SPADES



Active

PRODUCT DRAWING  
English

3D PDF

## TE CONNECTIVITY (TE) TERMINAL,PIDG R 16-14 10 PIDG

53942-2  
TE Internal Number: 53942-2

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **5 mm [ .197 in ]**

Tongue Thickness **.78 mm [ .031 in ]**

Sealed **No**

Heavy Duty **No**

### Product Drawings

[WIRE TERMINAL P.I.D.G. - RING TONGUE WIRE SIZE: 16-14](#)  
PDF (TIFF AVAILABLE)  
English

[WIRE TERMINAL P.I.D.G. - RING TONGUE WIRE SIZE: 16-14](#)  
PDF (TIFF AVAILABLE)  
English

### CAD Files

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

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

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

[3D PDF](#)  
PDF  
English

### Product Environmental Compliance

TE Material Declaration

[TERMINAL,PIDG R 16-14 10](#)  
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>10</b>                                  |
|                            | Shape Code                     | <b>RING-041</b>                            |
| <hr/>                      |                                |  |
| Configuration Features     | Terminal Angle                 | <b>Straight</b>                            |
|                            | Number of Holes                | <b>1</b>                                   |
| <hr/>                      |                                |  |
| Electrical Characteristics | Voltage (Max) (V)              | <b>300</b>                                 |
| <hr/>                      |                                |  |
| Body Features              | Plating Material               | <b>Tin</b>                                 |
|                            | Plating Thickness (µm)         | <b>2.54</b>                                |
|                            | Insulation Sleeve Material     | <b>Copper</b>                              |
|                            | Insulation Sleeve Color        | <b>Natural</b>                             |
|                            | Insulation Material            | <b>Nylon</b>                               |
|                            | Insulation Type                | <b>Pre-Insulated</b>                       |
| <hr/>                      |                                |  |
| Contact Features           | Terminal Shape                 | <b>Ring Tongue</b>                         |
|                            | Terminal Orientation           | <b>Straight</b>                            |
| <hr/>                      |                                |  |
| Dimensions                 | Stud Diameter                  | <b>5 mm [ .197 in ]</b>                    |
|                            | Tongue Thickness               | <b>.78 mm [ .031 in ]</b>                  |
|                            | Wire Insulation Diameter (Max) | <b>4.31 mm [ .17 in ]</b>                  |
|                            | Wire Insulation Diameter       | <b>2.92 – 4.31 mm [ .1149 – .1696 in ]</b> |
|                            | Wire Size (AWG)                | <b>16</b>                                  |
|                            | Wire Size (mm <sup>2</sup> )   | <b>1.25 – 2</b>                            |
|                            | Wire Size (CMA)                | <b>2050 – 5180</b>                         |
|                            | Barrel Inside Diameter         | <b>4.39 mm [ .173 in ]</b>                 |
|                            | Material Thickness             | <b>.787 mm [ .031 in ]</b>                 |
|                            | Overall Length                 | <b>20.65 mm [ .813 in ]</b>                |
|                            | Barrel Inside Diameter (Min)   | <b>4.39 mm [ .173 in ]</b>                 |
| <hr/>                      |                                |  |
| Operation/Application      | Heavy Duty                     | <b>No</b>                                  |
| <hr/>                      |                                |  |
| Industry Standards         | Government Qualified           | <b>No</b>                                  |
| <hr/>                      |                                |  |

Packaging Features

Packaging Method

**Tape Mounted**

Packaging Quantity

**1**

Other

Barrel Color

**Blue**









Product Compliance

[Statement of Compliance](#)

PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

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| <p>PIDG 12-10 R 10; TAPE<br/>2-35109-1</p>   | <p>6P J-P-T GEH KOMPL<br/>1-963212-1</p>   | <p>6P STIFT-GEH 3MM<br/>1-962349-1</p>   | <p>TERMINAL, SOLIS R 16-14<br/>8<br/>2-34122-1</p>   |
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