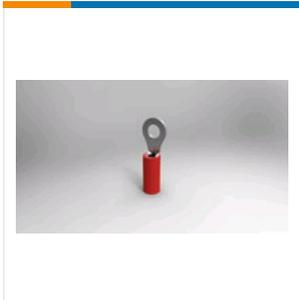




# CRIMP RINGS & SPADES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## PIDG R 22-16 COMM 22-18 MIL 6

PIDG | PIDG

7-51863-1

TE Internal Number: 7-51863-1

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **3.68 mm [ .145 in ]**

Tongue Thickness **.79 mm [ .031 in ]**

Heavy Duty **No**

Wire Insulation Diameter (Max) (in) **.125**

### Product Drawings

[TERMINAL, RING TONGUE, PIDG WIRE SIZE: 22-16 AWG](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_GS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Product Specifications

Application Specification

[Pre-Insulated Diamond Grip \(PIDG\) Terminals, Splices, And End Caps](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_7-51863-1\\_0502201556\\_dmtec](#)

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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

Barrel Type

**Closed Barrel**

Wire/Cable Type

**Regular Wire**

	Insulated	<b>Yes</b>
	Insulated Wire Support	<b>Yes</b>
	Support Style	<b>Insulation Support</b>
	Stud Size	<b>6, M3.5</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>
	Insulation Sleeve Material	<b>Nylon</b>
	Insulation Sleeve Color	<b>Red</b>
	Weight per Piece (g)	<b>.789</b>
Contact Features	Terminal Shape	<b>Ring Tongue</b>
	Terminal Orientation	<b>Straight</b>
	Class	<b>1 &amp; 2</b>
Dimensions	Stud Diameter	<b>3.68 mm [ .145 in ]</b>
	Tongue Thickness	<b>.79 mm [ .031 in ]</b>
	Wire Insulation Diameter (Max) (in)	<b>.125</b>
	Wire Insulation Diameter	<b>2.03 – 3.18 mm [ .08 – .125 in ]</b>
	Wire Size (AWG)	<b>22 – 16</b>
	Wire Size (mm <sup>2</sup> )	<b>.3 – 1.42</b>
	Wire Size (CMA)	<b>509 – 3260</b>
	Barrel Inside Diameter (in)	<b>.28</b>
	Overall Length	<b>19.86 mm [ .782 in ]</b>
Operation/Application	Heavy Duty	<b>No</b>
Industry Standards	Government Qualified	<b>No</b>

Packaging Features

Packaging Method

**Loose Piece**

Packaging Quantity

**100**

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Other

Barrel Color

**Red**

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)