



# CRIMP RINGS & SPADES



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## PIDG R 22-16 COMM 22-18MIL 1/4

PIDG

8-31894-1

TE Internal Number: 8-31894-1

Alias ID: AMPS-8-0031894-1, F37581-000

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **6.73 mm [ .265 in ]**

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

Heavy Duty **No**

Wire Insulation Diameter (Max) **3.56 mm [ .14 in ]**

### Product Drawings

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

PDF  
English

### CAD Files

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

### Product Specifications

Application Specification

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

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### Product Environmental Compliance

TE Material Declaration

[PIDG R 22-16 COMM 22-18MIL 1/4](#)

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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>M6</b>
	Shape Code	<b>RING-041</b>
	Wire/Cable Composition	<b>Solid or Stranded</b>
<hr/>		
Configuration Features	Number of Holes	<b>1</b>
<hr/>		
Electrical Characteristics	Voltage (Max) (V)	<b>300</b>
<hr/>		
Body Features	Plating Material	<b>Copper, Tin</b>
	Insulation Sleeve Material	<b>Nylon</b>
	Insulation Material	<b>Nylon</b>
	Inspection Slot	<b>No</b>
	Weight per Piece (g)	<b>1.213</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>6.73 mm [ .265 in ]</b>
	Tongue Thickness	<b>.79 mm [ .031 in ]</b>
	Wire Insulation Diameter (Max)	<b>3.56 mm [ .14 in ]</b>
	Wire Insulation Diameter	<b>2.67 – 3.56 mm [ .105 – .14 in ]</b>
	Wire Size (AWG)	<b>22</b>
	Wire Size (mm <sup>2</sup> )	<b>.3 – 1.42</b>
	Wire Size (CMA)	<b>509 – 3260</b>
	Material Thickness	<b>.79 mm [ .031 in ]</b>
	Overall Length	<b>27.38 mm [ 1.078 in ]</b>
<hr/>		
Usage Conditions	Operating Temperature Range (°C)	<b>105</b>
<hr/>		
Operation/Application	Heavy Duty	<b>No</b>
<hr/>		
Industry Standards	Government Qualified	<b>No</b>

Packaging Features

Packaging Method

**Loose Piece**

Packaging Quantity

**100**

Other

Barrel Color





**Red**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

BARRIER STRIPS	RELAY ACCESSORIES, SOCKETS & CLIPS	IDC D-SUB CONNECTORS	CRIMP RINGS & SPADES
			
3WWW-04-008 3WWW-04-008	27E895=SOCKET, K10, 8, QC, POLY, NA 27E895	9 POS HDF RCPT, MS 5746861-4	PIDG R 22-16COMM 22- 18MIL 5/16 8-31895-1
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