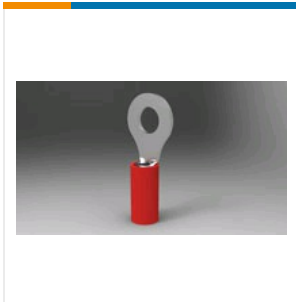




## CRIMP RINGS & SPADES



✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

TE CONNECTIVITY (TE)

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

PIDG | PIDG

31894

TE Internal Number: 31894

Mil-Spec: MS25036-150

Alias ID: 6089315703, 679058-000, AMPS-0-0031894-0

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](#)

2D\_DXF.ZIP  
English

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

#### Catalog Pages/Data Sheets

[1773464-1\\_QRG\\_PIDG\\_TERMINALS\\_AND\\_SPLICES](#)

PDF  
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

[MD\\_31894\\_092520132323\\_dmtec](#)


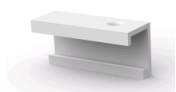


PDF  
English

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	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>M6</b>
	Shape Code	<b>RING-041</b>
	Wire/Cable Composition	<b>Solid or Stranded</b>
Configuration Features	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 Material	<b>Nylon</b>
	Inspection Slot	<b>No</b>
	Weight per Piece (g)	<b>1.278</b>
	Insulation Type	<b>Pre-Insulated</b>
Contact Features	Terminal Shape	<b>Ring Tongue</b>
	Terminal Orientation	<b>Straight</b>
	Class	<b>1 &amp; 2</b>
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>
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>Loose Piece</b>
	Packaging Quantity	<b>1000</b>
Other	Barrel Color	<b>Red</b>
	Comment	<b>Available On-Tape for Automatic Termination.</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

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