



## CRIMP RINGS & SPADES



TE CONNECTIVITY (TE)

### RING 12-10 8 .040TPBR

Open Barrel Rings & Spades | Open Barrel Rings & Spades

40523

TE Internal Number: 40523

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

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

Tongue Thickness **1.016 mm [ .04 in ]**

Sealed **No**

Heavy Duty **No**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

TERMINAL, RING #8 STUD

PDF (TIFF AVAILABLE)  
English

TERMINAL, RING #8 STUD

PDF (TIFF AVAILABLE)  
English

### CAD Files

3D PDF

PDF  
3D

Customer View Model

2D\_DXF.ZIP  
English

Customer View Model

3D\_IGS.ZIP  
English

Customer View Model

3D\_STP.ZIP  
English

### Product Specifications

Product Specification

Crimping AMPLIVAR Ring Terminals

PDF  
English

Application Specification

Crimping Extruded Ring Terminals

PDF  
English

Ring And Spade Terminals

PDF  
English

Engineering Report

Evaluation Testing Of Tin Plated Ring Terminals

PDF  
English

### Product Environmental Compliance

TE Material Declaration

MD\_40523\_06292015130\_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>Open Barrel</b>
	Wire/Cable Type	<b>Regular Wire</b>
	Insulated	<b>No</b>
	Insulated Wire Support	<b>No</b>
	Stud Size	<b>8, M4</b>
	Shape Code	<b>RING-015</b>
	Barrel Style	<b>Standard</b>
Configuration Features	Terminal Angle	<b>Straight</b>
	Number of Holes	<b>1</b>
Body Features	Plating Material	<b>Brass, Tin</b>
	Plating Thickness (µm)	<b>1.02</b>
	Plating Thickness (µin)	<b>40, 40.16</b>
	Inspection Slot	<b>No</b>
	Weight per Piece (g)	<b>.963</b>
Contact Features	Terminal Shape	<b>Ring Tongue</b>
	Terminal Orientation	<b>Straight</b>
Dimensions	Stud Diameter	<b>4.34 mm [ .171 in ]</b>
	Tongue Thickness	<b>1.016 mm [ .04 in ]</b>
	Wire Size (AWG)	<b>12 – 10</b>
	Wire Size (mm <sup>2</sup> )	<b>2.62 – 6.64</b>
	Material Thickness	<b>1.02 mm [ .04 in ]</b>
	Overall Length	<b>17.018 mm [ .67 in ]</b>
Operation/Application	Heavy Duty	<b>No</b>
Industry Standards	Government Qualified	<b>No</b>

Packaging Features

Packaging Method

**Strip**

Packaging Quantity











**8000**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

CRIMP QUICK DISCONNECTS	CRIMP QUICK DISCONNECTS	CRIMP RINGS & SPADES	POWER CONTACTS
			
<p>.205 FAST REC IS 22-18 TPBR 42299-2</p>	<p>250 FLAG FAST REC 18-12 PTPBR 61177-2</p>	<p>RING 12-10 10 .040TPBR 40524</p>	<p>SIZE 8 PIN CONT ASY, 10 AWG 213740-1</p>
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