



CRIMP RINGS & SPADES



Active

PRODUCT DRAWING
English

3D PDF

TE CONNECTIVITY (TE)

PIDG R 22-16 COMM 22-18 MIL 4

PIDG | PIDG

8-31880-1

TE Internal Number: 8-31880-1

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **3.02 mm [.119 in]**

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

Heavy Duty **No**

Wire Insulation Diameter (Max) (in) **.14**

Product Drawings

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

PDF
English

CAD Files

[3D PDF](#)

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[Customer View Model](#)

3D_IGS.ZIP
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[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
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Product Specifications

Application Specification

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

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

Closed Barrel

Wire/Cable Type

Regular Wire

Insulated

Yes

Insulated Wire Support

Yes

Support Style





Insulation Support

	Stud Size	4, M2.5
	Shape Code	RING-041
	Wire/Cable Composition	Solid or Stranded
Configuration Features	Number of Holes	1
Electrical Characteristics	Voltage (Max) (V)	300
Body Features	Plating Material	Copper, Tin
	Insulation Sleeve Material	Nylon
	Insulation Sleeve Color	Red
	Insulation Material	Nylon
	Inspection Slot	No
	Weight per Piece (g)	.637
	Insulation Type	Pre-Insulated
Contact Features	Terminal Shape	Ring Tongue
	Terminal Orientation	Straight
Dimensions	Stud Diameter	3.02 mm [.119 in]
	Tongue Thickness	.79 mm [.031 in]
	Wire Insulation Diameter (Max) (in)	.14
	Wire Insulation Diameter	2.67 – 3.56 mm [.105 – .14 in]
	Wire Size (AWG)	22
	Wire Size (mm ²)	.3 – 1.42
	Wire Size (CMA)	509 – 3260
	Barrel Inside Diameter	3.68 mm [.145 in]
	Overall Length	17.07 mm [.672 in]
	Barrel Inside Diameter (Min)	3.68 mm [.145 in]
Usage Conditions	Operating Temperature Range (°C)	105
Operation/Application	Heavy Duty	No
Industry Standards	Government Qualified	No

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

CRIMP RINGS & SPADES	STANDARD POWER RELAYS	CRIMP RINGS & SPADES	RECTANGULAR POWER CONNECTORS
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