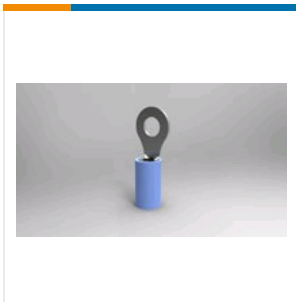




## CRIMP RINGS & SPADES



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English

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TE CONNECTIVITY (TE)

### TERMINAL,PIDG R 16-14 8

PIDG

8-320565-1

TE Internal Number: 8-320565-1

Alias ID: AMPS-8-0320565-1, D21419-000

[Always EU RoHS/ELV Compliant](#)

Terminal Shape **Ring Tongue**

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

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

Sealed **No**

Heavy Duty **No**

#### Product Drawings

[TERMINAL, RING TONGUE, P.I.D.G. WIRE SIZE: 16-14 AWG](#)

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#### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
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#### Product Specifications

Application Specification

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

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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

|                        |                      |
|------------------------|----------------------|
| Sealed                 | <b>No</b>            |
| 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                       | Insulation Support                  |
|                            | Stud Size                           | 8, M4                               |
|                            | Shape Code                          | RING-041                            |
|                            | Barrel Style                        | Standard                            |
|                            | Wire/Cable Composition              | Stranded                            |
|                            |                                     |                                     |
| Configuration Features     | Number of Holes                     | 1                                   |
|                            |                                     |                                     |
| Electrical Characteristics | Voltage (Max) (V)                   | 300                                 |
|                            |                                     |                                     |
| Body Features              | Plating Material                    | Copper, Tin                         |
|                            | Insulation Material                 | Nylon                               |
|                            | Weight per Piece (g)                | 1.114                               |
|                            | Insulation Type                     | Pre-Insulated                       |
|                            |                                     |                                     |
| Contact Features           | Terminal Shape                      | Ring Tongue                         |
|                            | Terminal Orientation                | Straight                            |
|                            |                                     |                                     |
| Dimensions                 | Stud Diameter                       | 4.34 mm [ .171 in ]                 |
|                            | Tongue Thickness                    | .79 mm [ .031 in ]                  |
|                            | Wire Insulation Diameter (Max) (in) | .17                                 |
|                            | Wire Insulation Diameter            | 2.92 – 4.31 mm [ .1149 – .1696 in ] |
|                            | Wire Size (AWG)                     | 16 – 14                             |
|                            | Wire Size (mm²)                     | 1.25 – 2                            |
|                            | Wire Size (CMA)                     | 2050 – 5180                         |
|                            | Overall Length (in)                 | .859                                |
|                            | Barrel Inside Diameter (Min) (in)   | .173                                |
|                            |                                     |                                     |
| 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 | Blue   |
|       | Comment      | Available On-Tape for Automatic Termination. |


Product Compliance

[Statement of Compliance](#)  
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