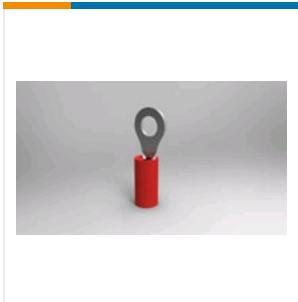




CRIMP RINGS & SPADES



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TE CONNECTIVITY (TE)

PIDG R 22-16 COMM 22-18 MIL 8

[PIDG](#) | [PIDG](#)

31890

TE Internal Number: 31890

Mil-Spec: MS25036-149

Alias ID: 6089 3 157-00, 6089315700, A28230-000, AMPS-0-0031890-0

Always EU RoHS/ELV Compliant

Terminal Shape **Ring Tongue**

Stud Diameter **4.17 mm [.164 in]**

Tongue Thickness **.84 mm [.033 in]**

Heavy Duty **No**

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

Product Drawings

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

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CAD Files

[Customer View Model](#)

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[3D PDF](#)

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[Customer View Model](#)

3D_STP.ZIP
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Catalog Pages/Data Sheets

[1773464-1_QRG_PIDG_TERMINALS_AND_SPLICES](#)

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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_31890_11252014022_dmtec](#)

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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 | Yes |
| | Insulated Wire Support | Yes |
| | Support Style | Insulation Support |
| | Stud Size | 8, M4 |
| | 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) | .904 |
| | Insulation Type | Pre-Insulated |
| Contact Features | Terminal Shape | Ring Tongue |
| | Terminal Orientation | Straight |
| | Class | 1 & 2 |
| Dimensions | Stud Diameter | 4.17 mm [.164 in] |
| | Tongue Thickness | .84 mm [.033 in] |
| | Wire Insulation Diameter (Max) | 3.56 mm [.14 in] |
| | Wire Insulation Diameter (in) | .105 – .14 |
| | Wire Size (AWG) | 22 |
| | Wire Size (mm ²) | .3 – 1.42 |
| | Wire Size (CMA) | 509 – 3260 |
| | Material Thickness | .79 mm [.031 in] |
| | Overall Length | 21.44 mm [.844 in] |
| Usage Conditions | Operating Temperature Range (°C) | 105 |


| | | |
|-----------------------|----------------------|---|
| Operation/Application | Heavy Duty | No |
| Industry Standards | Government Qualified | Yes |
| Packaging Features | Packaging Method | Loose Piece |
| | Packaging Quantity | 1000 |
| Other | Barrel Color | Red |
| | Comment | Available On-Tape for Automatic Termination. |

Product Compliance [Statement of Compliance PDF](#)

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