TE Connectivity: Every Connection Counts
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TERMINALS & SPLICES

RINGS & SPADES



✔ Active

TE CONNECTIVITY (TE)

DG R 22-16 COMM 22-18 MIL 5/16

DIAMOND GRIP | DIAMOND GRIP

31252
TE Internal Number: 31252

EU RoHS Compliant
EU ELV Compliant

Terminal Type Ring Tongue

Stud Diameter 7.92 mm [.312 in]

Tongue Thickness .84 mm [.033 in]

Wire Size (AWG) 22

Wire Size (mm^2) .3 – 1.42

PRODUCT DRAWING
English

DOCUMENTATION

Product Drawings

TERMINAL, RING, DIAMOND GRIP, 22-16 AWG WIRE SIZE,

PDF **(TIFF AVAILABLE)**

English

Agency Approvals

UL Report

Plastic-Grip, Solistrand, DG, And PIDG Terminals

PDF

English

WIRE CONN, TERMINALS, BUTT AND PARALLEL CONNECTORS-PLASTI-GRIP, SOLISTRAND, STD B, DIAMOND GRIP, PIDG AND AMPOWER REPORT

PDF

English

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CSA Certificate

PLASTI-GRIP INSULATED BUTT SPLICES, TERMNAL SPLICES AND TERMINALS REPORT

PDF

English

FEATURES

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

Sealable No
Barrel Type Closed Barrel
Wire/Cable Type Regular Wire
Insulated Yes
Insulated Wire Support Yes
Support Style Insulation Support
Stud Size 5/16, M8
Shape Code RING-052
Wire/Cable Composition Solid or Stranded

Configuration Features

Number of Holes 1

Body Features

Plating Material Copper, Tin
Insulation Sleeve Material Copper
Weight per Piece (g) 1.059
Inspection Slot No

Contact Features

Terminal Type Ring Tongue
Terminal Orientation Straight

Dimensions

Stud Diameter 7.92 mm [.312 in]
Tongue Thickness .84 mm [.033 in]
Wire Size (AWG) 22
Wire Size (mm^2) .3 – 1.42
Wire Insulation Diameter (Max) 3.18 mm [.125 in]
Wire Insulation Diameter 2.03 – 3.18 mm [.08 – .125 in]
Wire Size (CMA) 509 – 3260
Barrel Inside Diameter 1.54 mm [.061 in]
Overall Length 25.63 mm [1.009 in]
Barrel Inside Diameter (Min) 1.54 mm [.061 in]

Usage Conditions

Operating Temperature Range (°C) 170

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Operation/Application

Heavy Duty No

Industry Standards

Government Qualified No

Packaging Features

Packaging Method Loose Piece
Packaging Quantity 1000

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance

PDF

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