TE Connectivity: Every Connection Counts
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Active

TE CONNECTIVITY (TE)

TERMINAL,SOLIS R 12-10 10

SOLISTRAND | SOLISTRAND

33457
TE Internal Number: 33457
Mil-Spec: MS20659-105
Alias ID: A27999-000, AMP-0-0033457-0

EU RoHS Compliant
EU ELV Compliant

Terminal Type Ring Tongue

Stud Diameter 5 mm [.197 in]

Sealed No

Heavy Duty No

Wire Size (AWG) 12 – 10

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

TERMINAL, RING TONGUE, SOLISTRAND
PDF
English

CAD Files

Customer View Model
2D_DXF.ZIP
English

3D PDF
PDF
3D

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Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Environmental Compliance

TE Material Declaration

MD_33457_05022013720_dmtec

PDF

English

Agency Approvals

UL Report

MODULAR PLUGS AND JACKS REPORT

PDF

English

Plastic-Grip, Solistrand, DG, And PIDG Terminals

PDF

English

CSA Certificate

WIRE CONNECTORS, BUTT AND PARALLEL SPLICES, NON-INSULATED TYPE SOLISTRAND REPORT

PDF

English

UL

Plastic-Grip And Solistrand Terminal, Butt And Parallel Connectors

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

Sealed No
Barrel Type Closed Barrel
Wire/Cable Type Regular Wire
Insulated No
Insulated Wire Support No
Stud Size 10
Wire/Cable Composition Solid or Stranded
Shape Code RING-048

Configuration Features

Number of Holes 1

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Body Features

Plating Material Copper, Tin
Inspection Slot No

Contact Features

Terminal Type Ring Tongue
Terminal Orientation Straight
Military Part Class Class I

Dimensions

Stud Diameter 5 mm [.197 in]
Wire Size (AWG) 12 – 10
Wire Size (mm^2) 3 – 6
Wire Size (CMA) 5180 – 13100
Barrel Inside Diameter 3.28 mm [.129 in]
Material Thickness .99 mm [.039 in]
Overall Length 19.43 mm [.765 in]
Barrel Inside Diameter (Min) 3.28 mm [.129 in]

Usage Conditions

Operating Temperature Range (°C) 170

Operation/Application

Heavy Duty No

Industry Standards

Government Qualified Yes

Packaging Features

Packaging Method Loose Piece
Packaging Quantity 500

Statement of Compliance

Statement of Compliance
PDF

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