



[+ TERMINALS & SPLICES](#)
[RINGS & SPADES](#)



✓ Active

TE CONNECTIVITY (TE)
P.G RING UL.CSA(22-18)
PLASTI-GRIP

170780-1
TE Internal Number: 170780-1

[EU RoHS Compliant](#)
[EU ELV Compliant](#)

Terminal Type Ring Tongue

Stud Diameter 3.3 mm [.13 in]

Tongue Thickness .8 mm [.0312 in]

Wire Size (AWG) 22 – 18

Wire Size (mm²) .3 – 1.42

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

WIRE TERMINAL ASS'Y

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Product Specification

PLASTI-GRIP TERMINALS AND SPLICES WITH INSULATION SLEEVES FOR COPPER WIRES

TIF

English

PLASTI-GRIP TERMINALS AND SPLICES WITH INSULATION SLEEVES FOR COPPER WIRES

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_170780-1_032220171152_dmtec

PDF

English

Agency Approvals

UL Report

Plastic-Grip, Solistrand, DG, And PIDG Terminals

PDF

English

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 No

Stud Size 5, M3

Shape Code RING-041

Configuration Features

Number of Holes 1
Terminal Angle Straight

Electrical Characteristics

Voltage (Max) (V) 600

Body Features

Plating Material Copper, Tin
Insulation Sleeve Material PVC
Insulation Sleeve Color Red
Inspection Slot No

Contact Features

Terminal Type Ring Tongue
Terminal Orientation Straight

Dimensions

Stud Diameter 3.3 mm [.13 in]
Tongue Thickness .8 mm [.0312 in]
Wire Size (AWG) 22 – 18
Wire Size (mm²) .3 – 1.42
Wire Insulation Diameter (Max) 3.48 mm [.137 in]
Wire Size (CMA) 5180 – 13100
Material Thickness .8 mm [.031 in]
Overall Length 16.99 mm [.669 in]
Barrel Inside Diameter (Min) (mm) 5.89

Usage Conditions

Operating Temperature Range (°C) 90

Operation/Application

Heavy Duty No

Industry Standards

Government Qualified No

Packaging Features

Packaging Method Bag
Packaging Quantity 100

Other

Barrel Color Red

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
