31181 ✔ ACTIVE

SOLISTRAND | SOLISTRAND Budget

TE Internal #: 31181

Closed Ring Tongue Terminal, 16 AWG, #10 Stud, 4.82 mm [.19 in] Stud Diameter, Closed Barrel, Flag, Tin Plating, Uninsulated, SOLISTRAND Budget

View on TE.com >

Terminals & Splices > Ring Terminals

Ring Terminal Product Type: **Closed Ring Tongue Terminal**

Wire Size: **2050 – 5180 CMA**

Stud Size: **#10**

Features

Product Type Features

Ring Terminal Product Type	Closed Ring Tongue Terminal
Stud Size	#10
Sealable	No
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Number of Holes	1

Body Features

Product Weight	1.014 g

Contact Features

Barrel Type	Closed
Terminal Orientation	Flag
Terminal Plating Material	Tin

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	2050 – 5180 CMA
Stud Diameter	4.82 mm[.19 in]
Tongue Thickness	.79 mm[.031 in]
Product Length	14.5 mm[.571 in]
Barrel Inside Diameter	2.26 mm[.089 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	0 – 170 °C[0 – 338 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Compatible With Wire Plating Material	Tin

Industry Standards

Government Qualified Terminal	No

Packaging Features

Packaging Quantity	1000
Packaging Method	Box

Other

Line	Budget

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

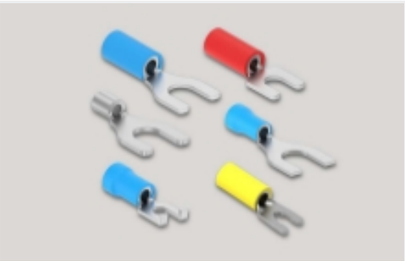
Compatible Parts

TE Part # 49975
DAHT TERMI-FOIL 18-12 ASSY

Also in the Series | SOLISTRAND Budget

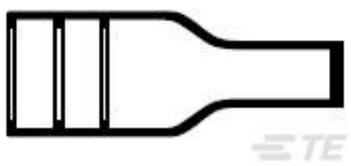
Knife Disconnects(4)

Ring Terminals(106)



Spade Terminals(46)

Customers Also Bought



TE Part #808013-000
202D153-3-0

TE Part #808148-000
222D132-3-0

TE Part #316039-004
55A1121-24-0/9-9

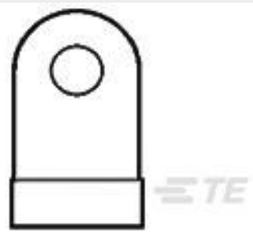
TE Part #316013-000
55A1121-22-6/9-9

TE Part #823261-000
342A215-3-0

TE Part #34856
TERMINAL,PG R 12-10 5/16

TE Part #130128
SOLIS R 16-14 M5

TE Part #141879-2
250 FASTON,TAB,TPBR



TE Part #325069
TERMINAL,SOLIS FLAG R 16-14 8

TE Part #2-1617019-3
FW1109G06 = M5757/10-035

Documents

Product Drawings

TERMINAL,BODY FLAG R 16-14 10

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_31181_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_31181_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_31181_P.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Agency Approvals

CSA Certificate

English