165045 ✔ ACTIVE

SOLISTRAND

TE Internal #: 165045

Wire Pin Terminal, 1.78 mm [.07 in] Pin Diameter, 16 – 14 AWG, 1 – 2.5 mm² Wire, 2050 – 5180 CMA, 14.22 mm [.56 in] Length, Closed Barrel, Tin Plating

View on TE.com >

Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules







Crimp Wire Terminal Type: **Wire Pin Terminal**

Mating Pin Diameter: **1.78 mm [.07 in]**

Wire Size: **2050 – 5180 CMA**

Features

Product Type Features

Sealable	No
Compatible With Discrete Wire Type	Stranded
Wire Insulation Support Retention Type	Non-Insulation Support

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Contact Features

Contact Mating Area Length	6.7 mm[.26 in]
Contact Fabrication	Stamped & Formed
Crimp Wire Terminal Type	Wire Pin Terminal
Mating Pin Diameter	1.78 mm[.07 in]
Barrel Type	Closed
Terminal Plating Material	Tin
Contact Shape & Form	Round
Terminal Orientation	Straight

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Wire Size	2050 – 5180 CMA
Barrel Inside Diameter	2.15 mm[.07 in]
Terminal Material Thickness	.79 mm[.031 in]
Overall Product Length	14.22 mm[.56 in]

Usage Conditions

Insulation Option	Uninsulated

Packaging Features

Packaging Quantity	1000
Packaging Method	Box

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 # 49935
DAHT SOLIS 22-10 ASSY



TE Part # 525693
DAHT SOLIS 22-10 ASSY



TE Part # 58545-1
SOLISTRAND 10-22 DIE ASSY



TE Part # 169400
CERTI-LOK FRAME W/O DIES

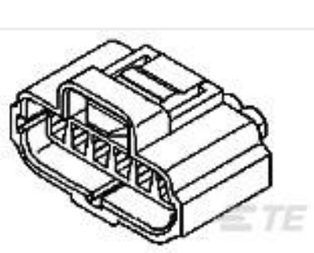
Customers Also Bought



TE Part #130191
TERM, SOLIS R 12-10 5MM



TE Part #180388-5
250 FASTON,REC.,20-16 AWG,TPPB



TE Part #184060-1
6 POS./6 CIRC PLUG ASSY, KEY A



TE Part #184140-1
WIRE SEAL,RUBBER,SENSOR, ORANGE



TE Part #350551-7
UMNL SOK 20-14 AU/BR L/P



TE Part #1623155-1
CRG0805 1% 220K



TE Part #5228686-1
TWIN BNC PCB RCPT

TE Part #87771-000
PS-X1097 PROXIMITY SENSOR



TE Part #1-180984-0
FASTON 250 FLAG BOOT NYLON NAT

TE Part #3-1768407-1
LBG-U-03029/EET

Documents

Product Drawings

SOLIS 16-14 WIRE PIN, SHORT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_165045_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_165045_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_165045_J.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

CSA Certificate

English