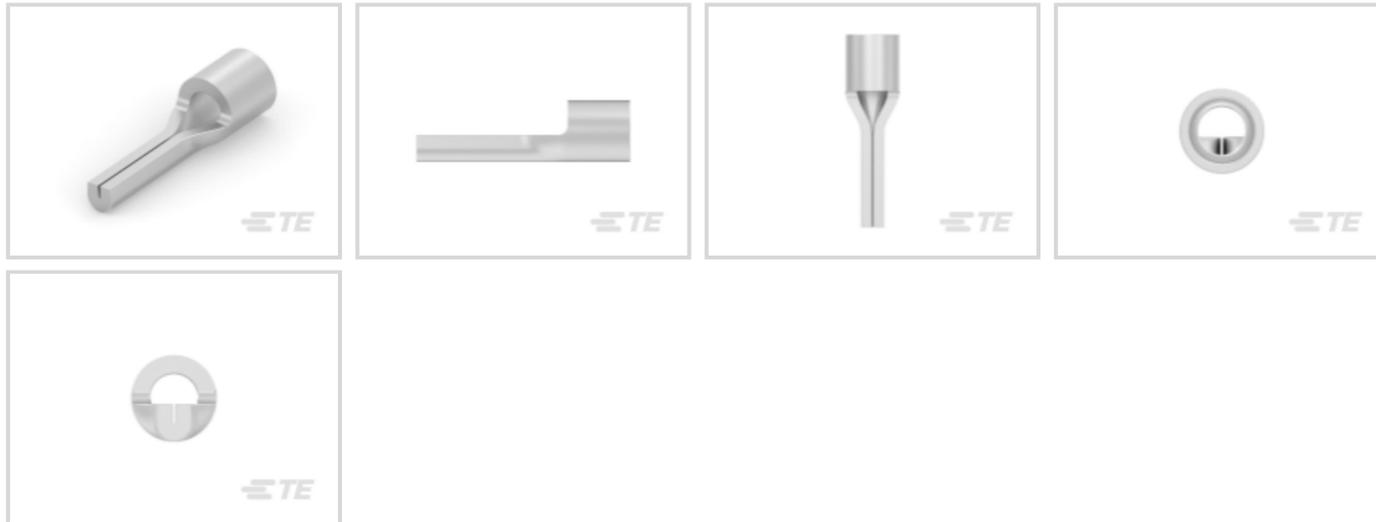# 165045 ✓ ACTIVE

SOLISTRAND

TE Internal #: 165045

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Pin Diameter 1.78 mm [.07 in], 16 – 14 AWG Wire Size, 1 – 2.5 mm² Wire Size, 2050 – 5180 CMA Wire Size

View on TE.com >

Crimp Wire Pin, Tab & Ferrule Terminal Type: **Wire Pin**

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

Body Features

Double Wire	No

Contact Features

Terminal Length	6.7 mm[.26 in]
Crimp Wire Pin, Tab & Ferrule Terminal Type	Wire Pin
Barrel Type	Closed
Terminal Plating Material	Tin
Pin Type	Formed
Pin Style	Round
Terminal Orientation	Straight

165045

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Pin Diameter 1.78 mm [.07 in], 16 – 14 AWG Wire Size, 1 – 2.5 mm² Wire Size, 2050 – 5180 CMA Wire Size

Termination Features

Bullet Terminal	Without

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Pin Diameter	1.78 mm[.07 in]
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
Operating Temperature Range	170 °C[338 °F]

Operation/Application

Heavy Duty	No

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Pin Diameter 1.78 mm [.07 in], 16 – 14 AWG Wire Size, 1 – 2.5 mm² Wire Size, 2050 – 5180 CMA Wire Size

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 # 58545-1
SOLISTRAND 10-22 DIE ASSY

TE Part # 49935
DAHT SOLIS 22-10 ASSY

TE Part # 525693
DAHT SOLIS 22-10 ASSY

TE Part # 6-1377172-5
SMP 0-0165045-0

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

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

165045

Crimp Wire Pins, Tabs & Ferrules, Wire Pin, Pin Diameter 1.78 mm [.07 in], 16 – 14
AWG Wire Size, 1 – 2.5 mm² Wire Size, 2050 – 5180 CMA Wire Size

English

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

Product Environmental Compliance

TE Material Declaration

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English