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
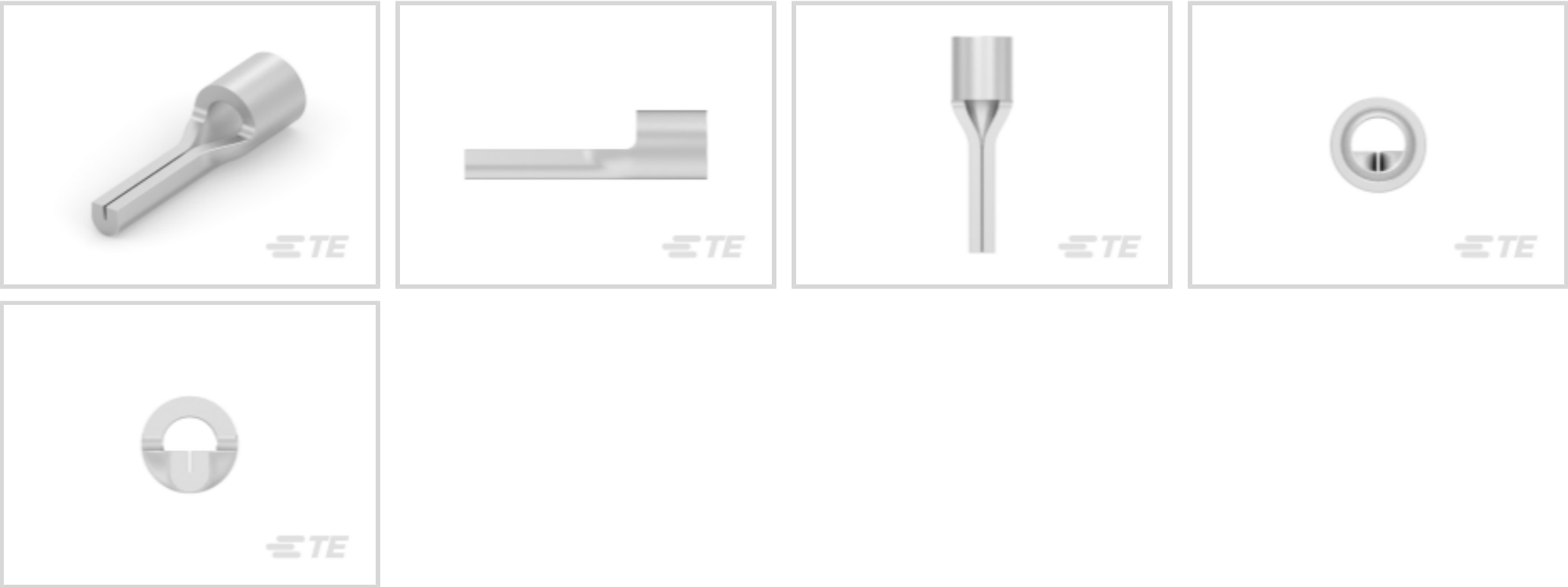
View on TE.com >

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

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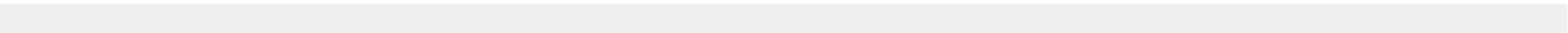
Wire Insulation Support	Without

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 for requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

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Compatible Parts

TE Part # 525693	TE Part # 58545-1	TE Part # 169400	TE Part # 49935
DAHT SOLIS 22-10 ASSY	SOLISTRAND 10-22 DIE ASSY	CERTI-LOK FRAME W/O DIES	DAHT SOLIS 22-10 ASSY

Customers Also Bought

TE Part #ANT-916-CW-RAH	TE Part #3-640427-4	TE Part #3-640427-6	TE Part #4-640441-2
Antenna 1/4 Wave R-Angle 916MHz RPS	04P MTA156 CONN ASSY 20AWG YEL	06P MTA156 CONN ASSY 20AWG YEL	12P MTA100 CONN ASSY WHT
TE Part #640457-6	TE Part #640551-6	TE Part #643067-4	TE Part #1-643075-2
06P MTA100 HDR ASSY SQ R/A F/L	06P MTA156 COVER	04P MTA156 CMOLDED COVER	12P MTA100 MOLDED COVER
TE Part #1768020-3	TE Part #5747840-3		
ESSW19-074	HD-20 PLUG RA .318 FMS BD-LK 4		

Documents

Product Drawings

SOLIS 16-14 WIRE PIN, SHORT

English

CAD Files

3D PDF

3D

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2050 – 5180 CMA, 14.22 mm [.56 in] Length, Closed Barrel, Tin Plating

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