

165140 ✓ ACTIVE

SOLISTRAND

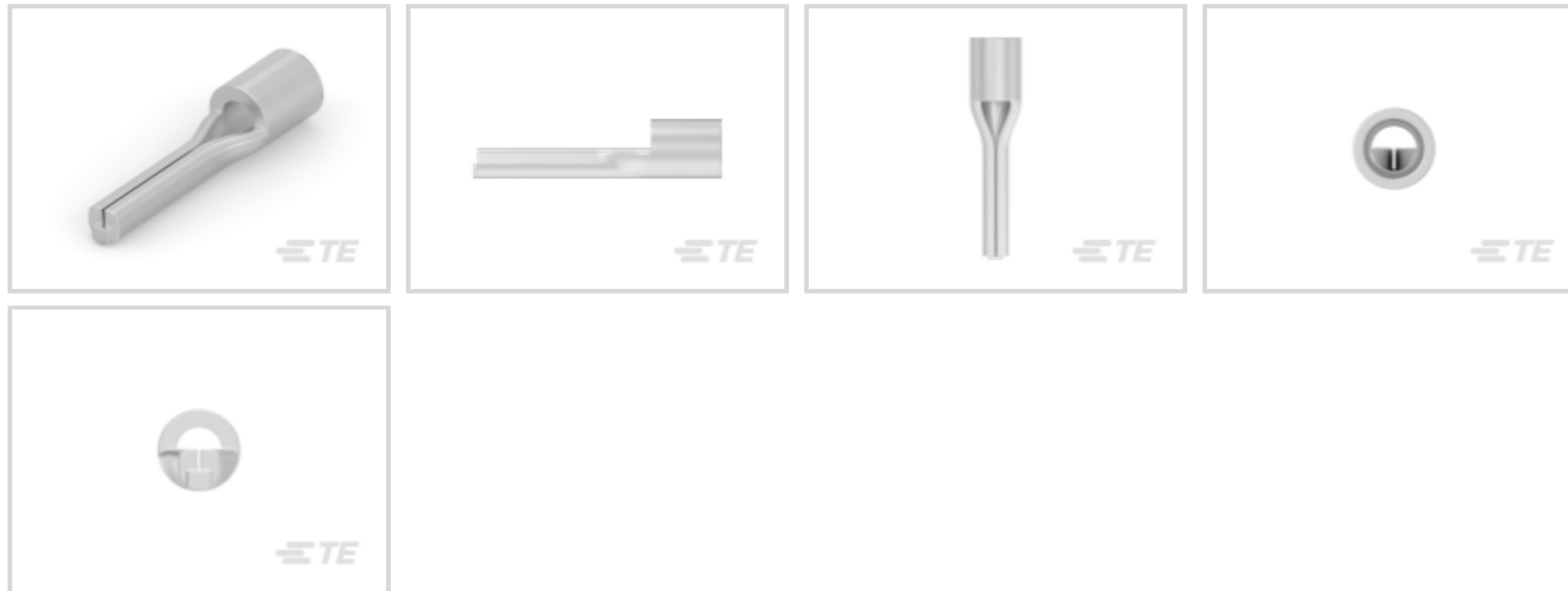
TE Internal #: 165140

Wire Pin, Mating Pin Diameter 1.78 mm [.07 in], 22 – 16 AWG Wire Size, .3 – 1.42 mm² Wire Size, Crimp Wire Pins, Tabs & Ferrules

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Terminals & Splices > Crimp Wire Pins, Tabs & Ferrules



Crimp Wire Terminal Type: **Wire Pin**

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

Wire Size: **509 – 3260 CMA**

Features

Contact Features

| | |
|----------------------------|------------------|
| | 100 µin |
| Crimp Wire Terminal Type | Wire Pin |
| Mating Pin Diameter | 1.78 mm [.07 in] |
| Barrel Type | Closed |
| Terminal Plating Material | Tin |
| Contact Shape & Form | Round |
| Terminal Orientation | Straight |
| Contact Mating Area Length | 5.7 mm |
| Contact Fabrication | Stamped & Formed |

Dimensions

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|-----------------------------|------------------------|
| Wire Size | 509 – 3260 CMA |
| Barrel Inside Diameter | 16.8 mm [.66 in] |
| Terminal Material Thickness | .79 mm [.031 in] |
| Overall Product Length | 14.4 mm [.56 in] |
| DIN Wire Size | .5 – 1 mm ² |

Packaging Features



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| Packaging Method | Loose Piece |
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|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

Configuration Features

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| Compatible With Wire & Cable Type | Discrete Wire |
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Product Type Features

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| Compatible With Discrete Wire Type | Stranded |
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| Wire Insulation Support Retention Type | Non-Insulation Support |
|--|------------------------|

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|----------|----|
| Sealable | No |
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Usage Conditions

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|-------------------|-------------|
| Insulation Option | Uninsulated |
|-------------------|-------------|

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|-----------------------------|----------------|
| Operating Temperature Range | 170 °C[338 °F] |
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Mechanical Attachment

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|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Other

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|--------------------|-----------|
| EU RoHS Compliance | Compliant |
|--------------------|-----------|

| | |
|-------------------|-----------|
| EU ELV Compliance | Compliant |
|-------------------|-----------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

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|-----------------------------|-----------|
| EU ELV Directive 2000/53/EC | Compliant |
|-----------------------------|-----------|

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|---|---|
| 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC |
|--|---|

| | |
|-----------------|---|
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
|-----------------|---|

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| 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 # 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 # 47812
DIES SOLIS 22-16 DIE SET



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

Customers Also Bought




TE Part #HD16-6-12S
PLG, 6P, GRY, N, 12



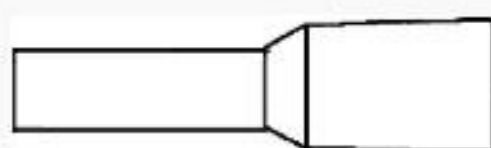
TE Part #66507-4
HD 20 DF PIN PLTD



TE Part #M902-2164
BKSHL, 6SZ, CBL SZ .570-.710, HD10



TE Part #321884
TERM, STRAT,SOLIS, HT, 22-16, #4



TE Part #966066-5
FER,WIRE,PL SLV,.14/26,L6,GREY,LP



TE Part #130519
TERM, SOLIS, SPADE, 22-16, M4(8)

Documents



Product Drawings

SOLIS 22-16 WIRE PIN, SHORT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_165140_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_165140_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_165140_G.3d_stp.zip](#)

English

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Agency Approvals

CSA Certificate

English

CSA Certificate

English