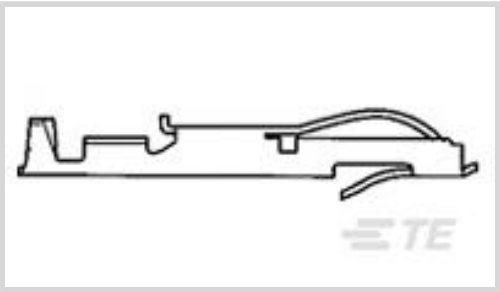




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Socket**
Connector System: **Wire-to-Board**
Centerline (Pitch): **2.54 mm, 3.18 mm, 3.96 mm [.156 in]**
Wire Size: **159.8 – 642.4 CMA**

Features

Product Type Features

| | |
|-----------------------------------|---------------|
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable |

Contact Features

| | |
|--|-----------------|
| Contact Retention Within Housing | With 15 µin |
| Wire Contact Termination Area Plating Material | Tin-Lead |
| PCB Contact Termination Area Plating Material | Nickel |
| Contact Base Material | Phosphor Bronze |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Gold |
| Contact Current Rating (Max) | 5 A |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|---------------------------------------|---------------|
| Contact Retention Type Within Housing | Locking Lance |
|---------------------------------------|---------------|

Housing Features

| | |
|--------------------|------------------------------------|
| Centerline (Pitch) | 2.54 mm, 3.18 mm, 3.96 mm[.156 in] |
|--------------------|------------------------------------|

Dimensions

| | |
|--|--|
| | |
|--|--|



| | |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | .89 – 1.4 mm [.035 – .055 in] |
| Wire Size | .08 – .24 mm² |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 85 °C [-40 – 185 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Identification Marking

| | |
|-----------------------|--------|
| Wire Range Color Code | Orange |
|-----------------------|--------|

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 7000 |
| Packaging Method | Strip |

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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




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

| | | | |
|---|--|---|---|
|  <p>TE Part # 91073-1 TW LF EXT TOOL</p> |  <p>TE Part # 2-2151967-1 OCEAN_2.0_Applicator-S-042F062O</p> |  <p>TE Part # 2-2151967-2 OCEAN_2.0_Applicator-S-042F062O</p> |  <p>TE Part # 2151967-1 OCEAN_2.0_Applicator-S-042F062O</p> |
|  <p>TE Part # 2151967-2 OCEAN_2.0_Applicator-S-042F062O</p> |  <p>TE Part # 7-2151967-1 OCEAN_2.0_Applicator-S-042F062O</p> |  <p>TE Part # 7-2151967-2 OCEAN_2.0_Applicator-S-042F062O</p> |  <p>KIT REPRESENTATION ONLY</p> <p>TE Part # 7-2151967-7 OCEAN_2.0_SPARE_PART_KIT-042F062O</p> |

Also in the Series | AMP Twin-Leaf

| | | |
|--|---|---|
|  <p>Insertion & Extraction Tools(1)</p> |  <p>Wire-to-Board Connector Assemblies & Housings(27)</p> |  <p>Wire-to-Board Connector Contacts(15)</p> |
|--|---|---|

Customers Also Bought

| | | | |
|---|--|---|---|
|  <p>TE Part #HD36-24-31ST PLG, 31P, AL, T, 16, S</p> |  <p>TE Part #1062-14-0144 DEUTSCH Size 16 Crimp Contacts</p> |  <p>TE Part #42452-1 187 FASTON REC 20-16 AWG BR</p> |  <p>TE Part #HD30-24BT BOOT, 24SZ, ST, GRY</p> |
|---|--|---|---|



Documents

Product Drawings

CONT. CRP.SNAP TW.LF STRIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_583616-3_BM.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_583616-3_BM.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_583616-3_BM.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English