# 176758-1 ✔ ACTIVE

LATTICE PRODUCTS | AMP LATTICE

TE Internal #: 176758-1

Tin (Sn), Socket Contact, 20 – 16 AWG, 250 VAC, .5 – 1.42 mm² Wire, Locking Lance Contact Retention, Discrete Wire, Crimp, Brass, AMP LATTICE

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

## Features

### Product Type Features

| | |
|---|---|
| Discrete Wire Type | Stranded |

### Configuration Features

| | |
|---|---|
| Compatible With Wire & Cable Type | Discrete Wire |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 250 VAC |

### Contact Features

| | |
|---|---|
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin (Sn) |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Retention Within Housing | With |
| Contact Base Material | Brass |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire & Cable |

### Mechanical Attachment

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

### Dimensions

| | |
|---|---|
| Wire Size | .5 – 1.42 mm² |

### Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -20 – 105 °C[-4 – 221 °F] |

### Packaging Features

| | |
|---|---|
| Packaging Method | Reel |
| Packaging Quantity | 4000 |

## Product Compliance

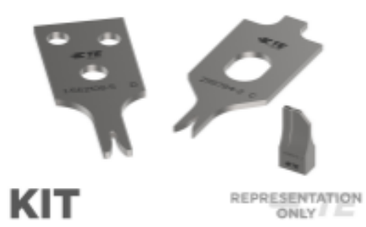
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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 |

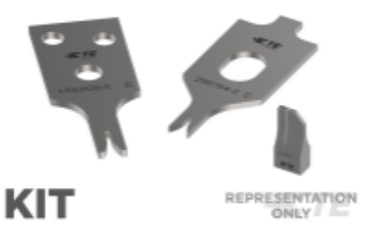
Product Compliance Disclaimer

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 # 7-2151087-7
OCEAN_2.0_SPARE_PART_KIT-070F130F




TE Part # 7-2836667-7
OC-070F130F-752-CRIMPTOOLINGKIT



TE Part # 5-2151087-1
OCEAN_2.0_Applicator-S-070F130F-RSM



TE Part # 2151087-2
OCEAN-2.0-APPLICATOR-S-070F130F-RSA



TE Part # 5-2151087-2
OCEAN_2.0_Applicator-S-070F130F-RSA



TE Part # 176762-1
AMP LATTICE 12P PLUG HSG



TE Part # 2151087-1
OCEAN_2.0_Applicator-S-070F130F-RSM

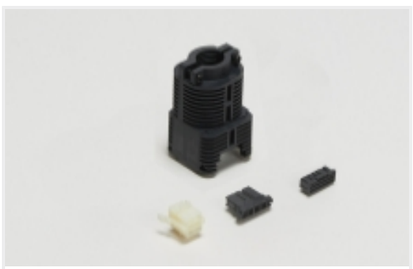
## Also in the Series | AMP LATTICE



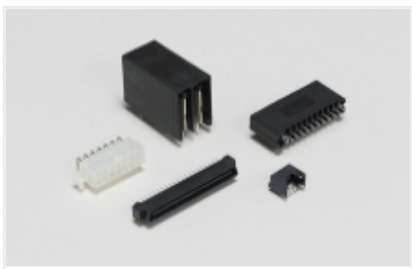
Connector Caps & Covers(6)



Connector Contacts(4)



Rectangular Connector Housings(3)



Standard Rectangular Connectors(3)

## Customers Also Bought



TE Part #176762-1
AMP LATTICE 12P PLUG HSG



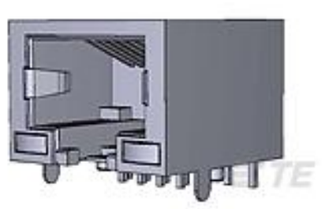
TE Part #CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS



TE Part #3-292206-0
MINI CT SGL DIP H 10P BLACK



TE Part #3-292246-4
1.5 MINI CT LATTICE REC KEY B



TE Part #4-1734324-3
RJ45,8P8C,w/ O&G,G LED,shieled,dip, 30u"



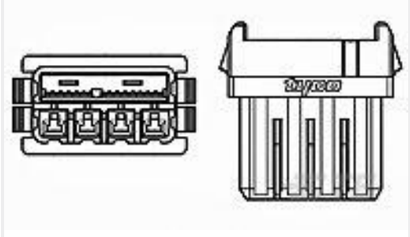
TE Part #1-1734774-1
PCI EXP 3.1L 98 POS BLK G/F



TE Part #1-1734774-5
PCI EXP 3.1L 164 POS BLK G/F



TE Part #1981379-1
HYBRID MINI DRAWER



TE Part #1981536-1
REC ASSY 1.5 MINI CT SF HYBRID DRAWER

## Documents

### Product Drawings

AMP LATTICE REC CONT 20-16

English

### CAD Files

3D PDF

English

Customer View Model

ENG_CVM_176758-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_176758-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_176758-1_B.3d_stp.zip

English

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

### Product Specifications

Crimping of AMP Lattice Contact

English

Application Specification

English