176758-1 ✔ ACTIVE

LATTICE PRODUCTS | AMP LATTICE

TE Internal #: 176758-1

Connector Contacts, Socket, Tin, Tin, 250 VAC, Locking Lance Contact Retention, Wire-to-Wire, Discrete Wire, 20 – 16 AWG Wire Size, AMP LATTICE

View on TE.com >

Connectors > Rectangular Connectors > Connector Contacts

Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Discrete Wire Type	Stranded
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

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
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Brass

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)

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 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

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 # 176762-1
AMP LATTICE 12P PLUG HSG

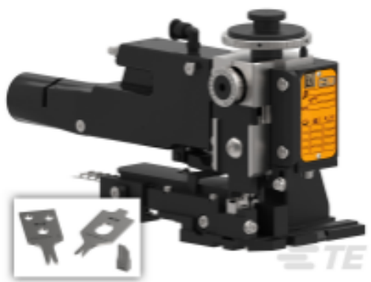
TE Part # 2-2151087-1
OCEAN_2.0_Applicator-S-070F130F

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

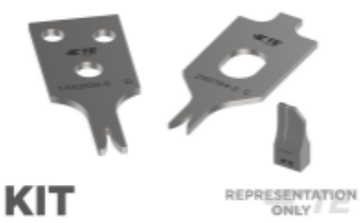
TE Part # 2151087-2
OCEAN-2.0-APPLICATOR-S-070F130F

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

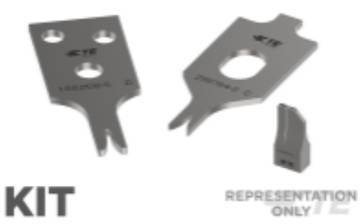
TE Part # 7-2151087-1
OCEAN_2.0_Applicator-S-070F130F



TE Part # 7-2151087-2
OCEAN_2.0_Applicator-S-070F130F



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



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

Also in the Series | AMP LATTICE

Connector Contacts(4)

Rectangular Caps & Covers(6)

Rectangular Connector Housings(3)

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

Product Specifications

Crimping of AMP Lattice Contact

English

Application Specification

English