

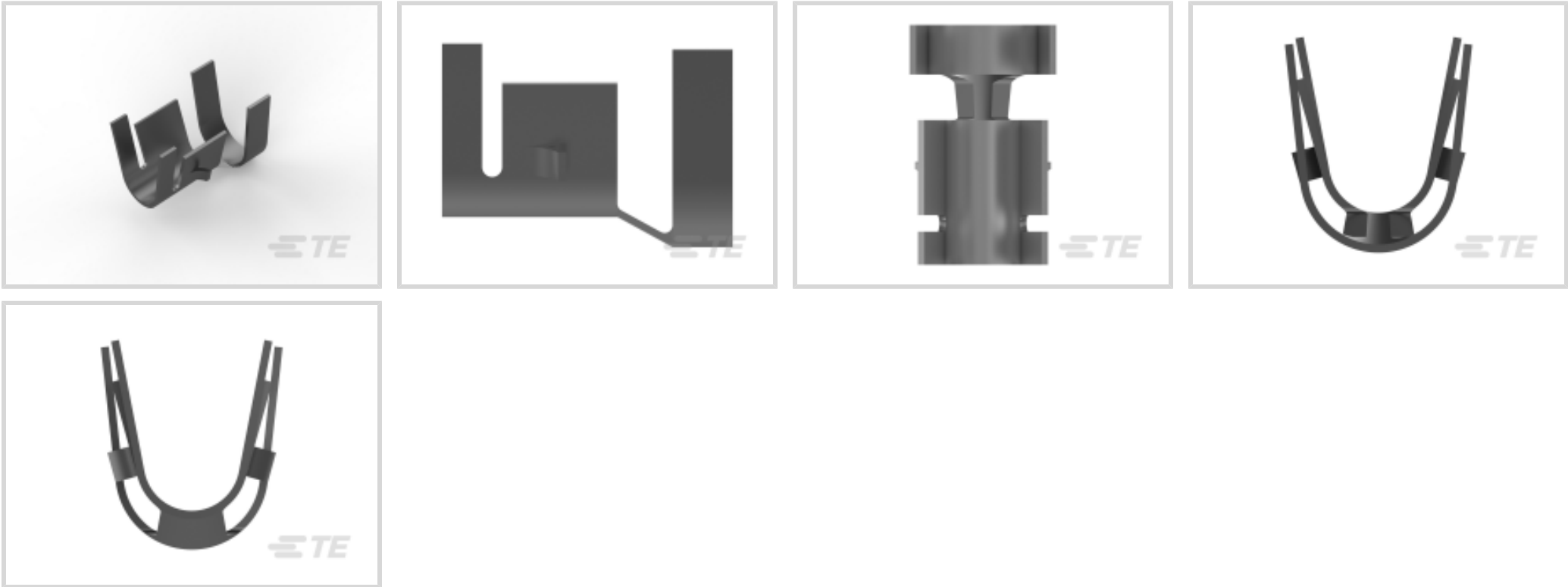


AMP-IN

TE Internal #: 3-794013-1
PCB Pin, 3.18 mm [.125 in] PCB Hole, 12 AWG, 3 mm² Wire,
Through Hole - Solder, Tin Plating, Reel, Terminates To Wire &
Cable, PCB Terminals

[View on TE.com >](#)

Terminals & Splices > PCB Terminals



PCB Terminal Type: **PCB Pin**
PCB Thickness (Recommended): **1.57 mm [.062 in]**
PCB Hole Diameter: **3.18 mm [.125 in]**
Profile Height from PCB: **3.43 mm [.137 in]**
Compatible Insulation Diameter (Max): **3.81 mm [.15 in]**

Features

Contact Features

Terminal Plating Finish	Bright
Contact Mating Area Plating Material Thickness	5.08 µm[200 µin]
PCB Terminal Type	PCB Pin
Terminal Plating Material	Tin
Terminal Size	Miniature
Terminal Orientation	Straight

Termination Features

Termination Method to PCB	Through Hole - Solder
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
-------------------------	------

Dimensions

Extension Below Board	3.18 mm[.125 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]



PCB Hole Diameter	3.18 mm[.125 in]
Profile Height from PCB	3.43 mm[.137 in]
Compatible Insulation Diameter (Max)	3.81 mm[.15 in]
Compatible Insulation Diameter Range	2.29 – 3.81 mm[.09 – .15 in]
Wire Size	3 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Packaging Features

Packaging Quantity	3000
Packaging Method	Reel

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Wave solder capable to 265°C

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



KIT

REPRESENTATION ONLY

TE Part # 7-2266225-9
OCEAN_2.0_SPARE_PART_KIT-110F110SC



TE Part # 2151314-1
OCEAN_2.0_Applicator-S-110F155F-RSM



TE Part # 2266225-1
OCEAN_2.0_Applicator-S-110F110SC-RSM



KIT

REPRESENTATION ONLY

TE Part # 7-2151314-7
OCEAN_2.0_SPARE_PART_KIT-110F155F



TE Part # 2151314-2
OCEAN_2.0_Applicator-S-110F155F-RSA



TE Part # 2266225-2
OCEAN_2.0_Applicator-S-110F110SCA-RSA



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

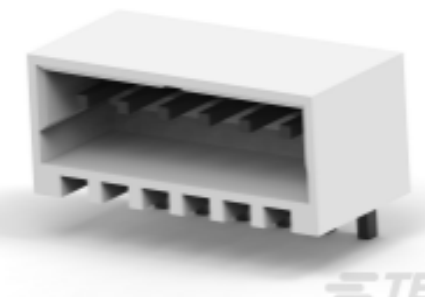


KIT

REPRESENTATION ONLY

TE Part # 7-2266225-8
OCEAN_2.0_SPARE_PART_KIT-110F110SC

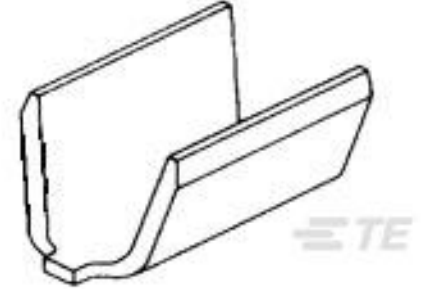
Customers Also Bought



TE Part #CAT-H857-H34215
AMP HPI 1.5 mm Headers



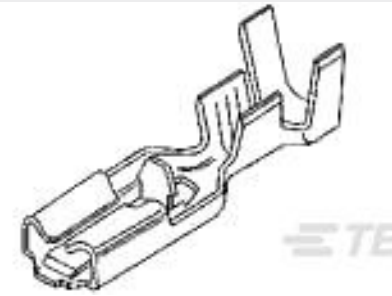
TE Part #9-1462038-7
IM43CGR=IM RELAY 100mW 5V BIS



TE Part #62357-1
SPLICE 7400-10000 .025 BR



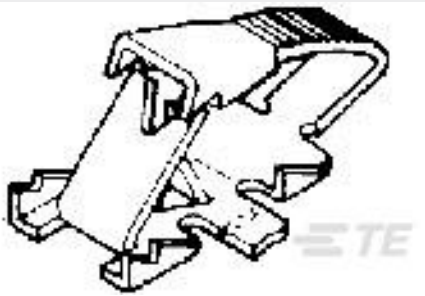
TE Part #41124
RING .190 (4.82 MM) 12-10 AWG TPBR



TE Part #63239-1
POSITIVE LOCK 250 REC 12-10 AWG TPBR

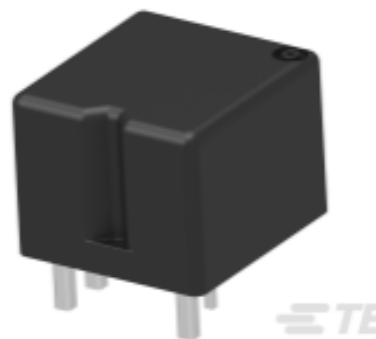


TE Part #60700-2
RING CRIMP 20-16 AWG TPBR



TE Part #63613-1
MINI MAG-MATE 42-52 010 TPBR

TE Part #GA2K7A443I
DISC-5% AT 25C, W-302-1 30MM



TE Part #1-1414761-0
V23086C1001A403-EV-BLBOX



Documents

Product Drawings

MINI AMP-IN 12 AWG WIRE

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_3-794013-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_3-794013-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_3-794013-1_B.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-794013-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-794013-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-794013-1_D.3d_stp.zip

English

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

Datasheets & Catalog Pages

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English