770642-1 ✔ ACTIVE

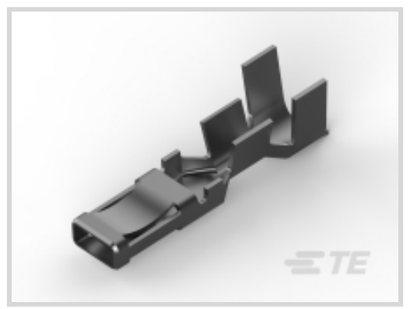
Timer Connector System

TE Internal #: 770642-1

Quick Disconnect Receptacle, Uninsulated, 20 – 14 AWG, .51 – 2.08 mm² Wire, 3.18 mm [.125 in] Tab Width, F-Crimp, Straight, Timer Connector System

View on TE.com >

Terminals & Splices > Quick Disconnects







Quick Disconnect Terminal Type: **Receptacle**

Wire Size: **.51 – 2.08 mm²**

Mating Tab Width: **3.18 mm [.125 in]**

Mating Tab Thickness: **.51 mm [.02 in]**

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
Connection Capacity	Single

Contact Features

Quick Disconnect Terminal Type	Receptacle
Mating Tab Width	3.18 mm[.125 in]
Mating Tab Thickness	.51 mm[.02 in]
Terminal Orientation	Straight
Contact Base Material	Brass
Terminal Plating Material	Pre-Tin
Crimp Type	F-Crimp
Barrel Type	Open

Termination Features

Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Product Length	16.89 mm[.665 in]
Compatible Insulation Diameter Range	2.84 – 3.12 mm[.112 – .123 in]
Terminal Material Thickness	.33 mm[.013 in]
Wire Size	.51 – 2.08 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Industry Standards

Compatible With Agency/Standards Products	UL

Packaging Features

Packaging Quantity	3200
Packaging Method	Strip/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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) 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

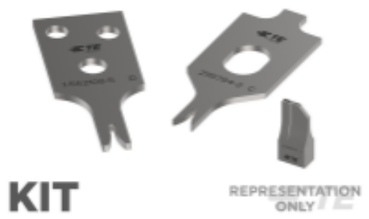
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 7-2151385-7
OCEAN_2.0_SPARE_PART_KIT-090F155F



TE Part # 2151385-1
OCEAN-2.0-APPLICATOR-S-090F155F-RSM

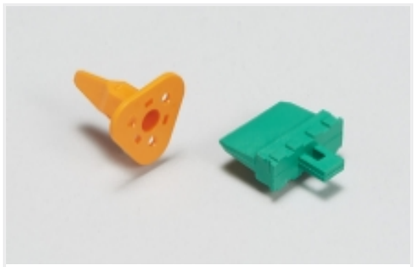


TE Part # 2151385-2
OCEAN-2.0-APPLICATOR-S-090F155F-RSA

Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (12)



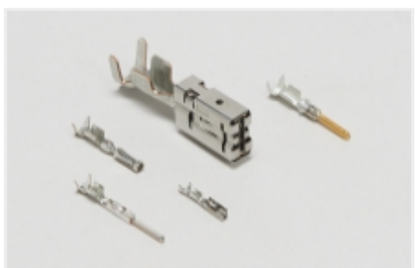
Automotive Connector Locks & Position Assurance(15)



Automotive Housings(186)



Automotive Signal & Power Headers(6)



Automotive Terminals(110)

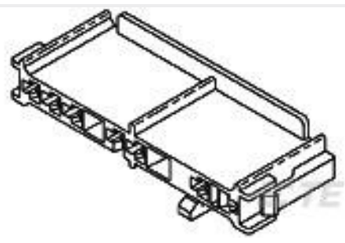


Quick Disconnects(4)

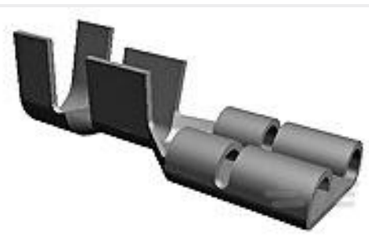
Customers Also Bought



TE Part #63688-1
250 FASTON REC 18-14 AWG NPST



TE Part #521085-1
DRYER .250 HOUSING NYLON 6/6



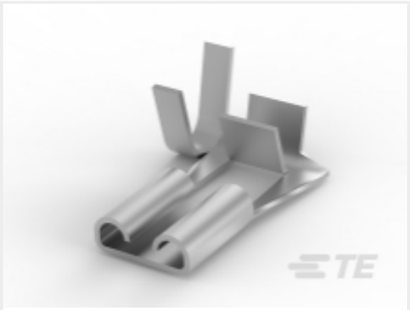
TE Part #737439-2
250 FASTON REC 22-18 AWG TPBR



TE Part #3-794636-6
06P MICRO MNL ASSY,VRT,SMT,LF



TE Part #1217345-1
110 FASTON,REC.,16-18 AWG,BR



TE Part #1742718-1
250 FASTON,FLAG,REC.,16-12 AWG, TPBR



TE Part #2232327-2
CLUSTER BLOCK HSG .090 DIA



TE Part #2238135-2
RECEPTACLE, POSITIVE-LOCK, RAST 6.35



TE Part #2238136-2
RECEPTACLE, POSITIVE-LOCK, RAST 6.35



TE Part #1-172131-1
FF 250 CAP HSG 3P NYLON NAT

Documents

Product Drawings

TIMER CONNECTOR TERMINAL 20-14 AWG PTPBR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770642-1_S_c-770642-1-s.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_770642-1_S_c-770642-1-s.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_770642-1_S_c-770642-1-s.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