770642-3 ✔ ACTIVE

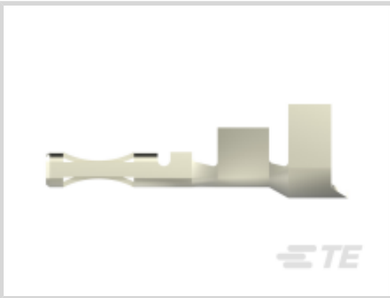
Timer Connector System

TE Internal #: 770642-3

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	Nickel
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 2025 (250) 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

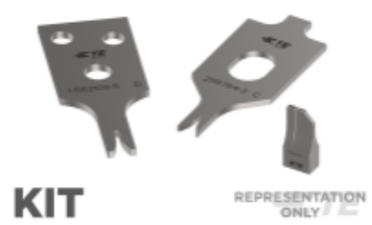
Product Compliance Disclaimer

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

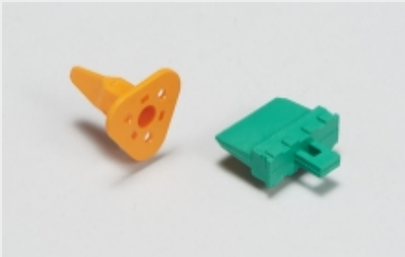


TE Part # 7-2151385-7
OCEAN_2.0_SPARE_PART_KIT-090F155F

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 Locks & Position Assurance(15)

Automotive Housings(186)

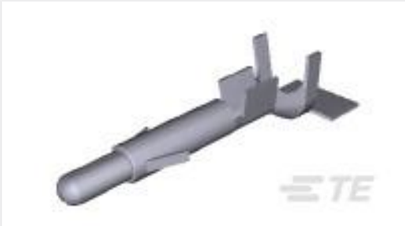
Automotive Seals & Cavity Plugs(32)

Other Automotive Connector Accessories(1)

Customers Also Bought

TE Part #60196-2
187 FASTON REC 20-16 AWG TPBR

TE Part #63933-1
PL .250 TERMINAL REC 22-18 AWG BR



TE Part #350700-1
UMNL SPLIT PIN PTPBR

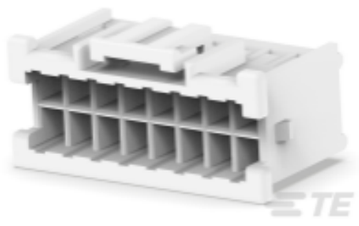
TE Part #770476-1
SL156 RECPT, SNNI/PHBZ

TE Part #1217094-1
RCPT 250 POS-LOCK 18-14 0126BR

TE Part #1375820-8
CST-100 II HOUSING 8 POS

TE Part #1-1969442-4
EP 2.5 TPA Housing, 14 Pos

TE Part #2238142-1
250 FASTON,FLAG,REC.,22-16 AWG, NPST



TE Part #1-2324579-6
HOUSING, PLUG, 16P, DUAL ROW, EP2.5

TE Part #2119791-5
Depressor, Wire

Documents

Product Drawings

POWER BLADE TERMINAL 20-14 AWG BR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_770642-3_S_c-770642-3-s.2d_dxf.zip

English

Customer View Model

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

English

Customer View Model

ENG_CVM_CVM_770642-3_S_c-770642-3-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