4-175778-6 ✔ ACTIVE

TE Internal #: 4-175778-6

6 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 2 mm [.078 in] Centerline, 1 Row, 125 VAC, Wire & Cable, Power & Signal

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

UL Flammability Rating: **UL 94V-0**

Number of Positions: **6**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC

Body Features

Primary Product Color	Yellow

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2 mm[.078 in]
Housing Material	Nylon 66

Dimensions

Connector Width	5.1 mm[.2 in]
Connector Height	4 mm[.157 in]
Connector Length	14 mm[.551 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL
UL Flammability Rating	UL 94V-0

Product Compliance

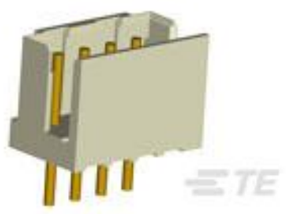
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) 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

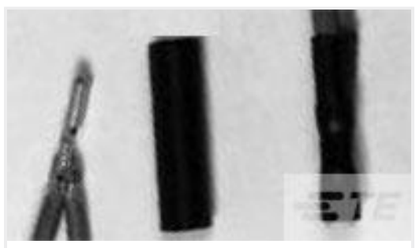
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 4-292132-6
CT P/HDR BOX V 6P YELLOW

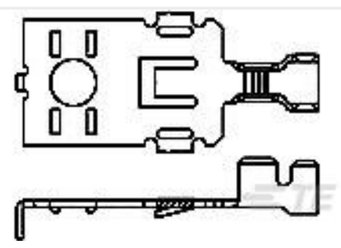
Customers Also Bought



TE Part #440452-000
RT-3-NO.1-0-2.25IN



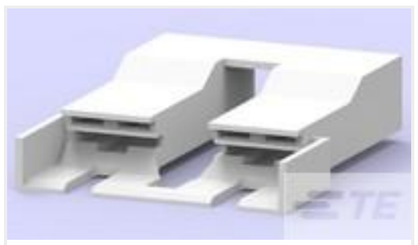
TE Part #530219P009
RNF-150-1/4-0-1.25IN



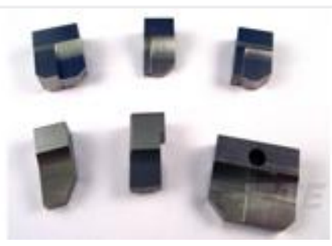
TE Part #63496-1
POWER RING TERMINAL TAB 16-10 AWG BR



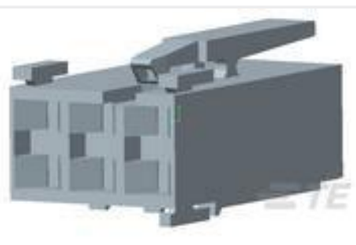
TE Part #2-171706-1
FASTON 250 INS POD NYLON NAT



TE Part #1-521253-3
PL MKIII & FASTON 250 HSG 2P NYL0N GREEN



TE Part #1-853088-0
ANVIL

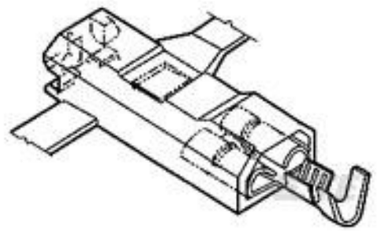


TE Part #2-1241817-3
STD TIM HOUSING MKII 3POS

TE Part #1385719-1
UP.250 STRAIGHT SA110F220F LM



TE Part #1852646-1
EFHBPO200TABLOCK.210O LM/G



TE Part #521081-1
ULTRA-POD 250 ASSY REC 18-14 AWG BR

Documents

Product Drawings

CT CRIMP REC HSG 6P YEL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_4-175778-6_D1.2d_dxf.zip

English

Customer View Model

ENG_CVM_4-175778-6_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_4-175778-6_D1.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Crimping AMP 2.0mm Pitch CT Receptacle Contact

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English