1-2390144-2 ✔ ACTIVE

HPI

TE Internal #: 1-2390144-2

12 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 1.25 mm [.049 in] Centerline, 1 Row, Wire & Cable, Power & Signal, HPI

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: **12**

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	12
Number of Rows	1

Electrical Characteristics

Termination Resistance	20 mΩ
Insulation Resistance	100 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	1.25 mm[.049 in]
Housing Material	Nylon 66

Dimensions

Compatible Insulation Diameter Range	.7 – 1.1 mm
Wire Size	.05 – .2 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag & Box

Product Compliance

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

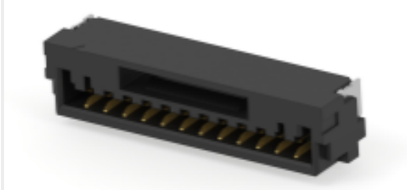
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed

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: JAN 2024 (240) 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 reviewed for solder process capability

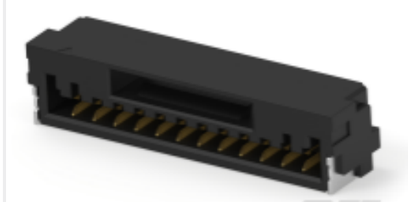
Product Compliance Disclaimer

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

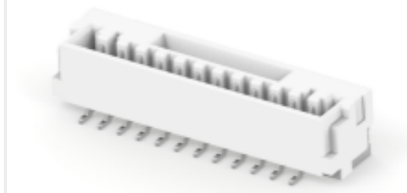
Compatible Parts



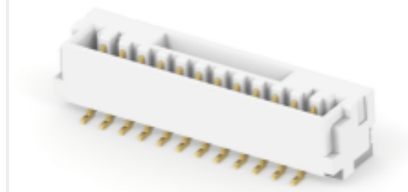
TE Part # 7-2390138-2
1.25P 12POS WTB VERT BRD W LATCH AU BL



TE Part # 7-2390136-2
1.25P 12POS WTB R/A BRD W LATCH AU BL



TE Part # 1-2390138-2
1.25P 12POS WTB VERT BRD W LATCH TIN NA



TE Part # 3-2390138-2
1.25P 12POS WTB VERT BRD W LATCH AU NA



TE Part # 5-2390136-2
1.25P 12POS WTB R/A BRD W LATCH TIN BL



TE Part # 5-2390138-2
1.25P 12POS WTB VERT BRD W LATCH TIN BL



TE Part # 2390147-2
1.25P WTB CABLE CNT AU



TE Part # 1-2390136-2
1.25P 12POS WTB R/A BRD W LATCH TIN NA

TE Part # 3-2390136-2
1.25P 12POS WTB R/A BRD W LATCH AU NA

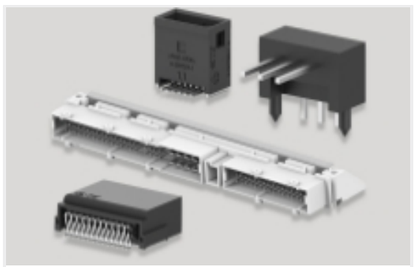


TE Part # 2390147-1
1.25mm WTB CABLE CNT With Latch

Also in the Series | HPI



Connector Contacts(3)



PCB Headers & Receptacles(332)



Power Contacts(2)



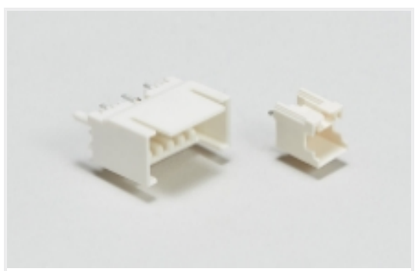
Rectangular Connector Housings(132)



Rectangular Power Connectors(354)

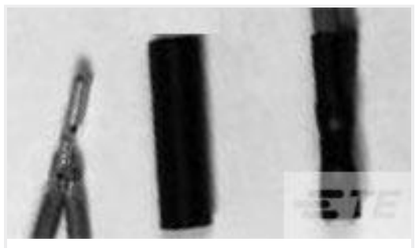


Wire-to-Board Connector Assemblies & Housings(90)



Wire-to-Board Headers & Receptacles (332)

Customers Also Bought



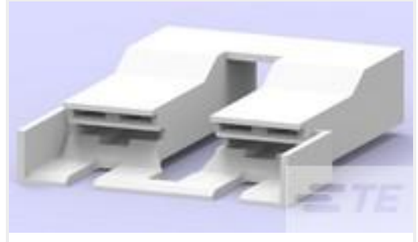
TE Part #440452-000
RT-3-NO.1-0-2.25IN



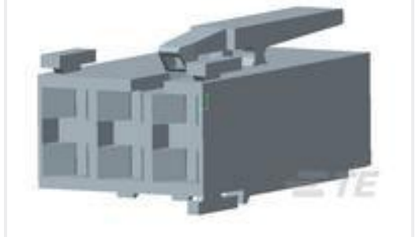
TE Part #938365P002
VERSAFIT-1/8-0-0.75IN-ST



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

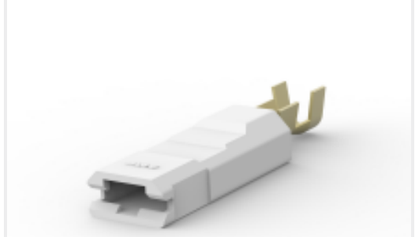


TE Part #1-521253-3
PL MKIII & FASTON 250 HSG 2P NYL0N GREEN



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

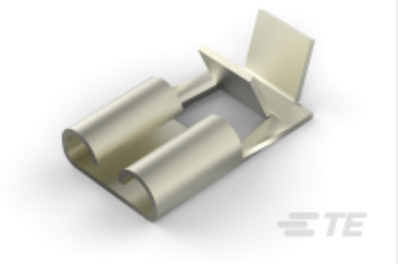
TE Part #1385719-1
UP.250 STRAIGHT SA110F220F LM



TE Part #CAT-UL8-2502
ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch



TE Part #644267-2
SL156 HSG (YELLOW)



TE Part #1217972-2
250 FASTON,FLAG,REC.,18-14 AWG, NPST

Documents

Product Drawings

1.25P 12POS WTB CABLE HSG NA

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2390144-2_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2390144-2_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2390144-2_1.3d_stp.zip

English

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Product Specifications

Product Specification

English