2390144-9 ✓ ACTIVE

HPI

TE Internal #: 2390144-9

HPI, Housing, Receptacle, Wire-to-Board, 9 Position, 1.25 mm [.049 in] Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings

Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **9**

Centerline (Pitch): **1.25 mm [.049 in]**

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	9
Number of Rows	1

Electrical Characteristics

Termination Resistance	20 mΩ
Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	100 MΩ
Operating Voltage	50 V

Contact Features

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Contact Current Rating (Max)	1 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

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

Housing Features

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

Dimensions

Accepts Wire 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

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

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 with Exemptions

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EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223)
	Candidate List Declared Against: JUL 2021 (219)
	SVHC > Threshold:
	Pb (4% in Component Part)
	Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 2-2390136-9
1.25P 9POS WTB R/A BRD W LATCH AU NA

TE Part # 2-2390138-9
1.25P 9POS WTB VERT BRD W LATCH AU NA

TE Part # 2390136-9
1.25P 9POS WTB R/A BRD W LATCH TIN NA

TE Part # 2390138-9
1.25P 9POS WTB VERT BRD W LATCH TIN NA

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

TE Part # 4-2390136-9
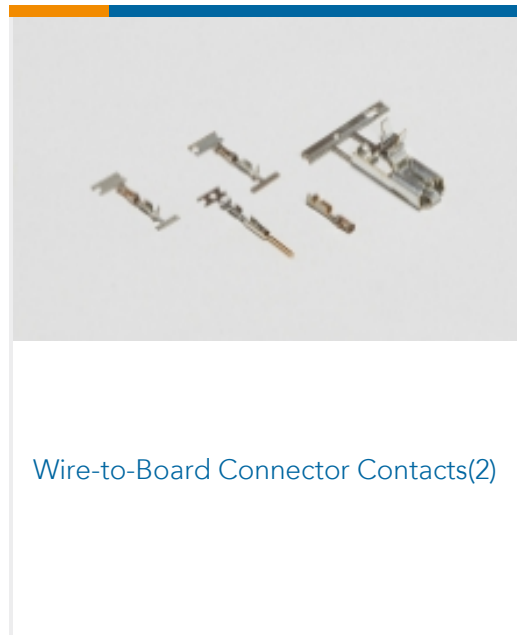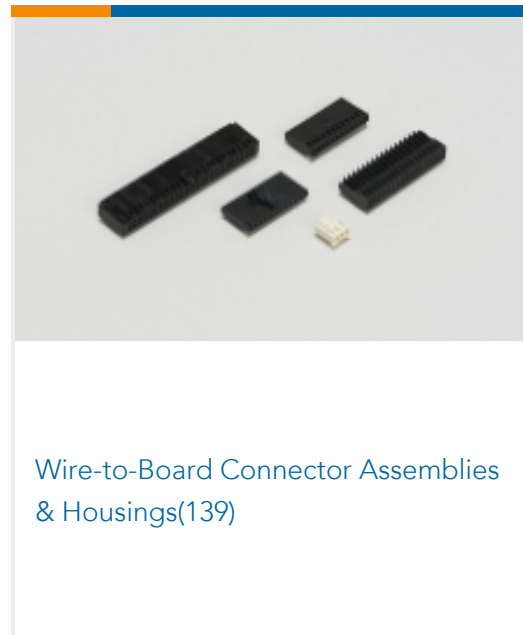1.25P 9POS WTB R/A BRD W LATCH TIN BL

TE Part # 4-2390138-9
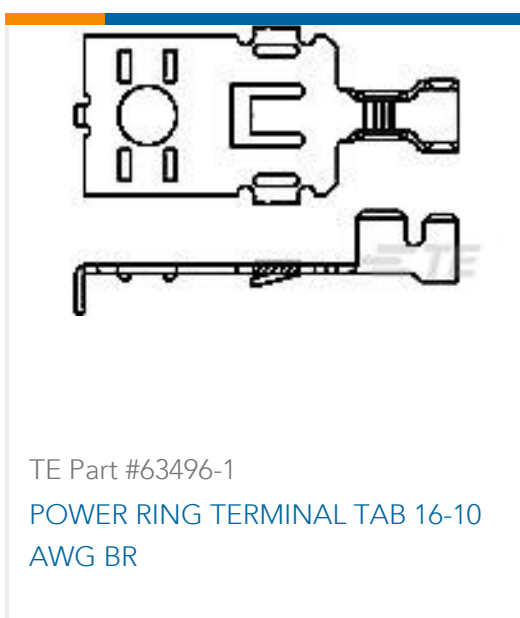1.25P 9POS WTB VERT BRD W LATCH TIN BL

TE Part # 6-2390136-9
1.25P 9POS WTB R/A BRD W LATCH AU BL

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TE Part # 6-2390138-9

1.25P 9POS WTB VERT BRD W LATCH AU BL

TE Part # 2390147-1

1.25mm WTB CABLE CNT With Latch

Also in the Series | HPI

PCB Headers & Receptacles(362)

Wire-to-Board Connector Assemblies & Housings(139)

Wire-to-Board Connector Contacts(2)

Customers Also Bought

TE Part #1969104-1

ULTRA POD: Straight, Receptacle Assembly, Unplated, .250 inch

TE Part #1-521253-3

PL MKIII & FASTON 250 HSG 2P NYL0N GREEN

TE Part #1852646-1

EFHBPO200TABLOCK.210O LM/G

TE Part #2-1241817-3

STD TIM HOUSING MKII 3POS

TE Part #63496-1

POWER RING TERMINAL TAB 16-10 AWG BR

TE Part #530219P009

RNF-150-1/4-0-1.25IN

TE Part #440452-000

RT-3-NO.1-0-2.25IN

TE Part #938365P002

VERSAFIT-1/8-0-0.75IN-ST

Documents

Product Drawings

1.25P 9POS WTB CABLE HSG NA

English

CAD Files

3D PDF

3D

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Crimp, 1 Row, Natural, Mating Retention, Wire & Cable

Customer View Model

ENG_CVM_CVM_2390144-9_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2390144-9_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2390144-9_1.3d_stp.zip

English

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

Product Specifications

Product Specification

English