



HPI

TE Internal #: 2380403-1

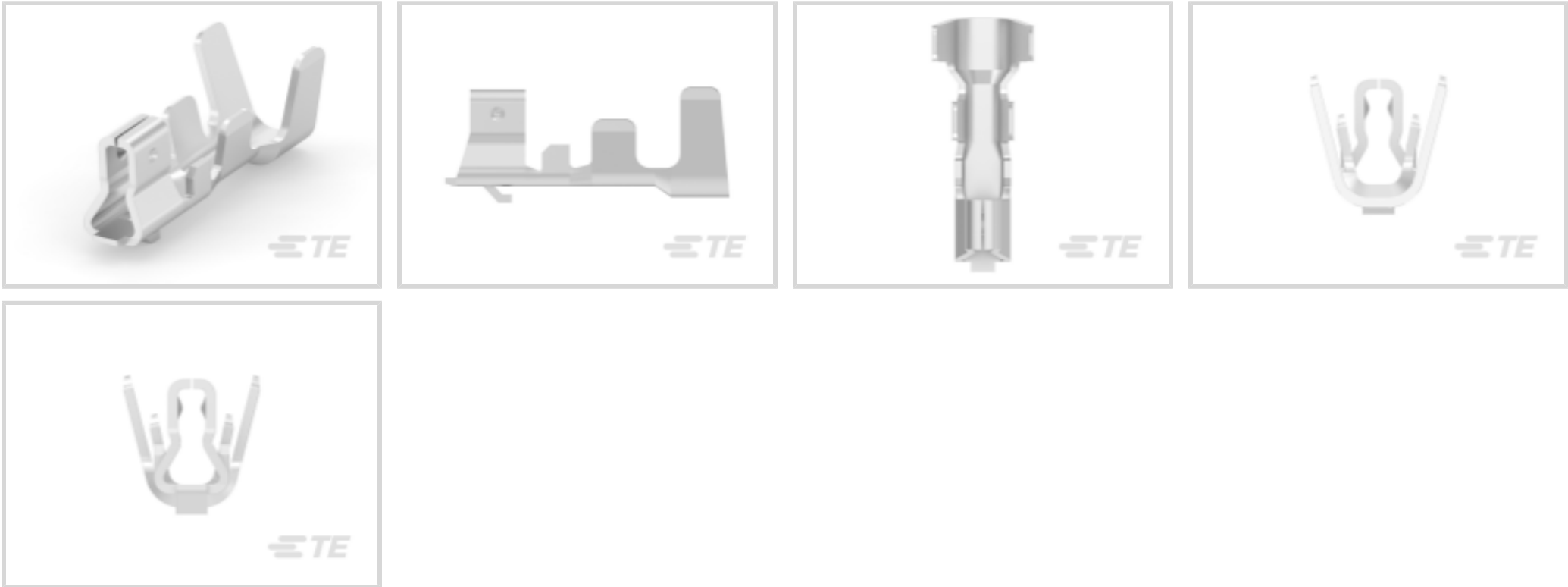
Housing, Receptacle, Wire-to-Board, 13 Position, 1.25 mm [.049 in]

Centerline, Crimp, 1 Row, Black, Mating Retention, Wire & Cable,

HPI

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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: **13**

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	13
Number of Rows	1

Electrical Characteristics

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

Body Features



Primary Product Color	Black
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Contact Features

Contact Current Rating (Max)	1 A
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Termination Features

Termination Method to Wire & Cable	Crimp
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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]

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]
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Operation/Application

Circuit Application	Power & Signal
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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
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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 2024 (241) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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 # 1-2380312-0 1.5P 10POS WTB CABLE HOUSING WITH LATCH	 TE Part # 1-2380312-1 1.5P 11POS WTB CABLE HOUSING WITH LATCH	 TE Part # 1-2380312-2 1.5P 12POS WTB CABLE HOUSING WITH LATCH	 TE Part # 1-2380312-3 1.5P 13POS WTB CABLE HOUSING WITH LATCH
 TE Part # 1-2380312-4 1.5P 14POS WTB CABLE HOUSING WITH LATCH	 TE Part # 1-2380312-5 1.5P 15POS WTB CABLE HOUSING WITH LATCH	 TE Part # 2380312-2 1.5P 2POS WTB CABLE HOUSING WITH LATCH	 TE Part # 2380312-3 1.5P 3POS WTB CABLE HOUSING WITH LATCH



TE Part # 2380312-4  
1.5P 4POS WTB CABLE HOUSING WITH LATCH

TE Part # 2380312-5  
1.5P 5POS WTB CABLE HOUSING WITH LATCH

TE Part # 2380312-6  
1.5P 6POS WTB CABLE HOUSING WITH LATCH

TE Part # 2380312-7  
1.5P 7POS WTB CABLE HOUSING WITH LATCH

TE Part # 2380312-8  
1.5P 8POS WTB CABLE HOUSING WITH LATCH

TE Part # 2380312-9  
1.5P 9POS WTB CABLE HOUSING WITH LATCH

Also in the Series | **HPI**

Connector Contacts(1)

PCB Headers & Receptacles(332)

Wire-to-Board Connector Assemblies & Housings(134)

Documents

Product Drawings

1.5P WTB CABLE CRIMP CONTACT TIN PLATING

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_2380403-1\_A.3d\_igs.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2380403-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2380403-1\_A.3d\_stp.zip

English

2380403-1

Housing, Receptacle, Wire-to-Board, 13 Position, 1.25 mm [.049 in] Centerline, Crimp,  
1 Row, Black, Mating Retention, Wire & Cable, HPI



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Product Specifications

Product Specification

English