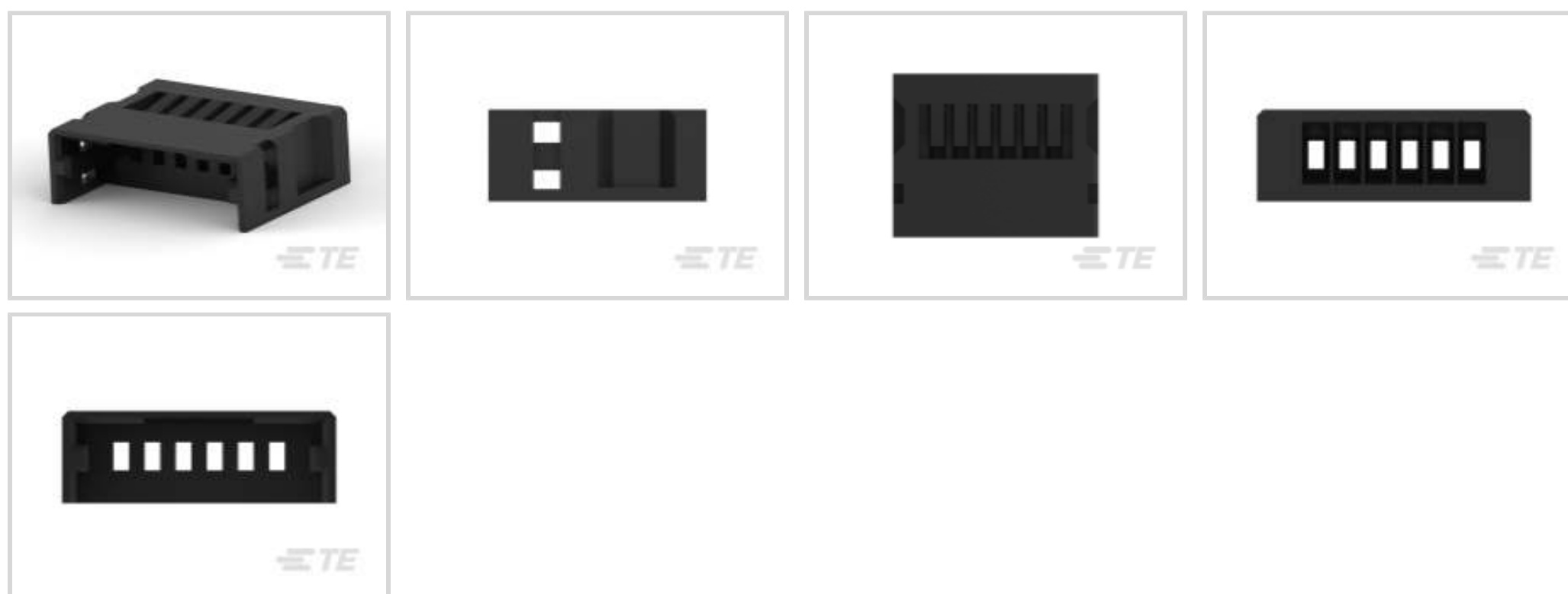




TE Internal #: 2040974-1
 Rectangular Connector Housings, Wire-to-Board, 6 Position, .039 in [1 mm] Centerline, 1 Row, Polyamide, Housing for Male Terminals, Wire & Cable

[View on TE.com >](#)

Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Wire-to-Board**
 Number of Positions: **6**
 Centerline (Pitch): **1 mm [.039 in]**
 Number of Rows: **1**
 Housing Material: **Polyamide**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Housing for Male Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Insertion Force	4.9 Newton
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	10 VAC
-------------------	--------

Contact Features

Contact Layout	Inline
Contact Current Rating (Max)	1 A

Mechanical Attachment



Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Housing Color	Black
Centerline (Pitch)	1 mm [.039 in]
Housing Material	Polyamide

Dimensions

Connector Height	2.95 mm [.116 in]
Product Width	7 mm [.276 in]
Product Length	8.8 mm [.346 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

Agency/Standard	UL
UL Flammability Rating	UL 94V-0

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

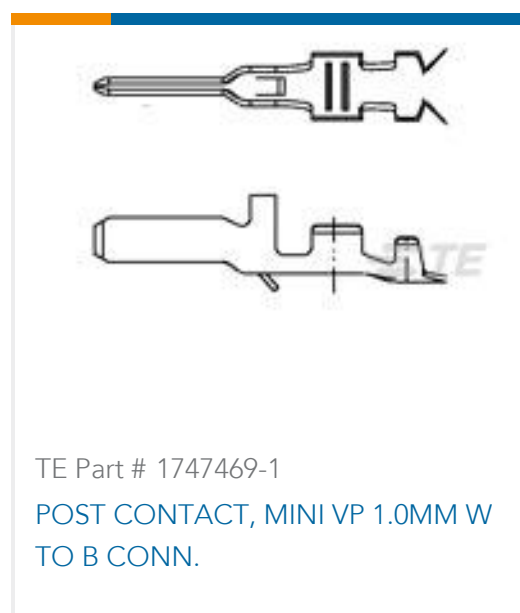
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not 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 applicable for solder process capability

Product Compliance Disclaimer

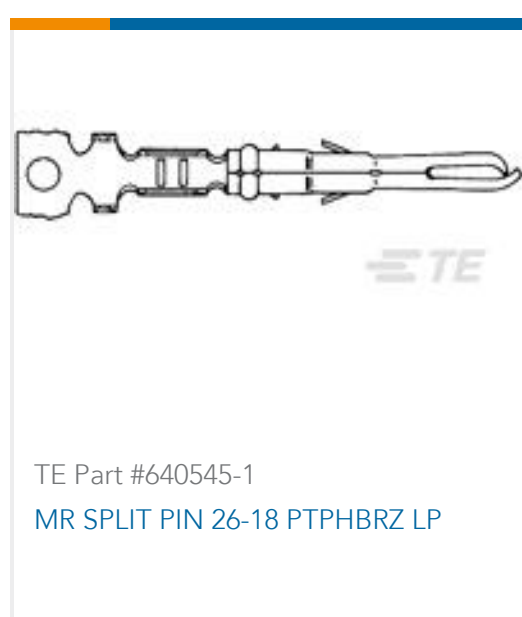
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Customers Also Bought



Documents

Product Drawings

PLUG HSG, MINI VP 1.0MM W TO B CONN.

Japanese

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2040974-1_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_2040974-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2040974-1_B.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

Product Environmental Compliance

[Product Compliance Document](#)

English

[Product Compliance Document](#)

English