

2040974-1 ACTIVE

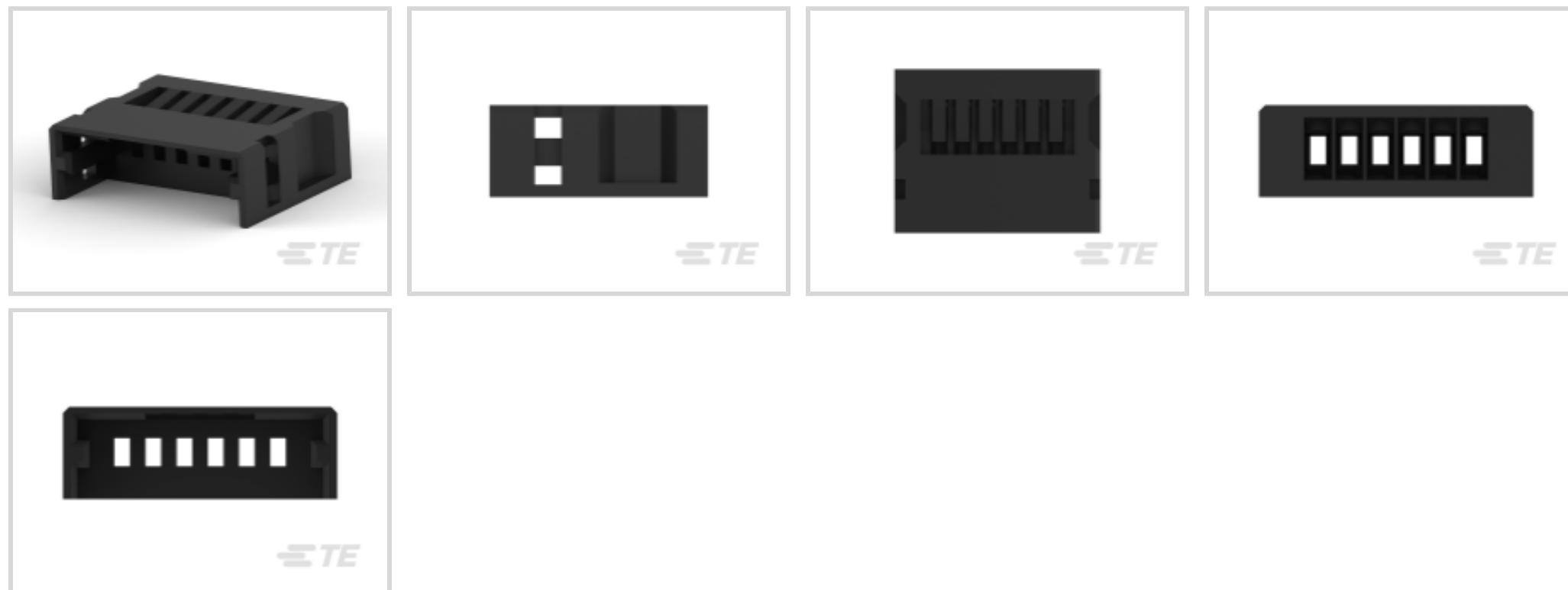
TE Internal #: 2040974-1

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
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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

Compatible With Agency/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

No Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2024 (240)

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 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>

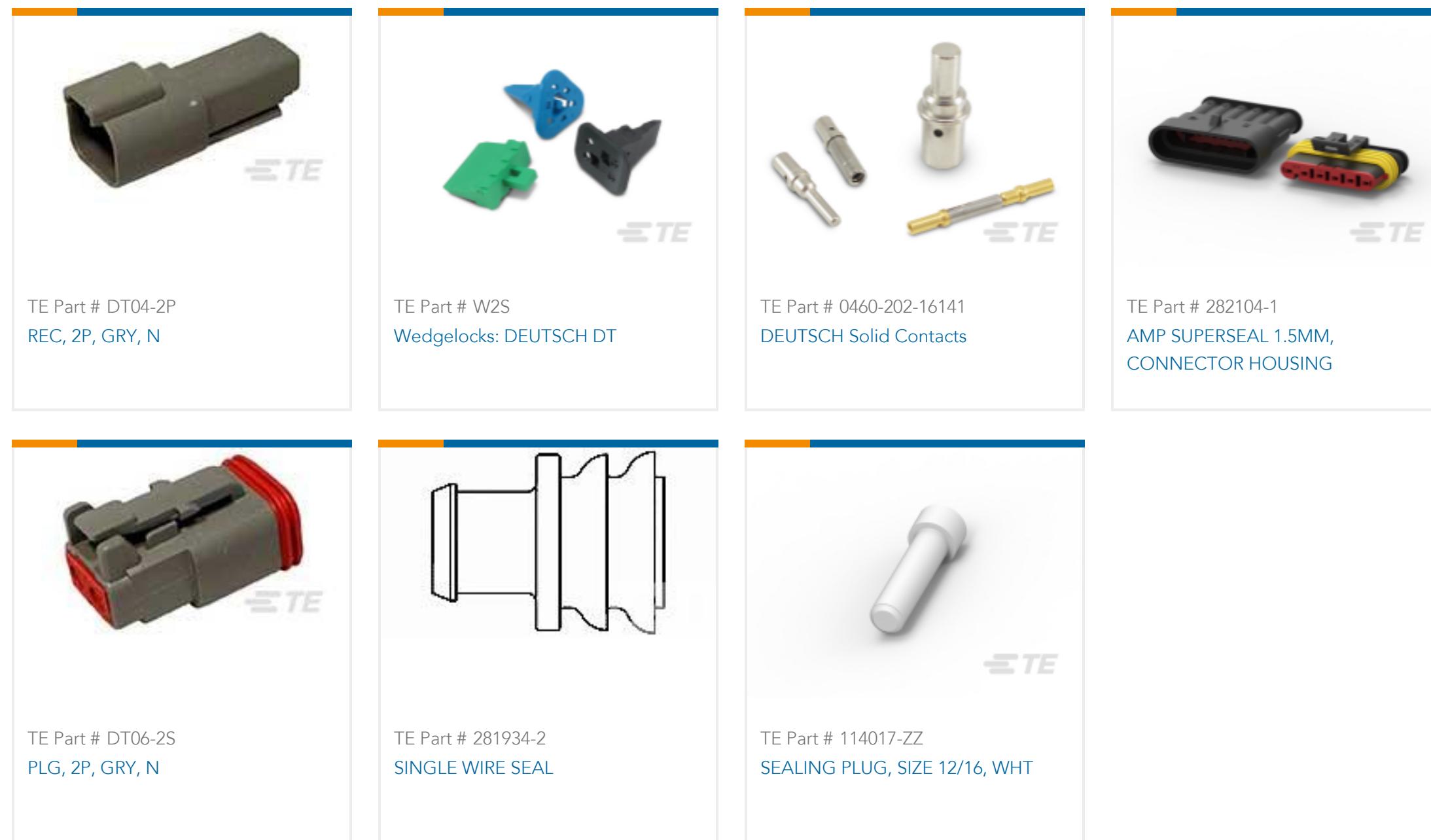
Compatible Parts



TE Part # 1747468-1
HDR ASSY, MINI VP 1.0MM W TO B
CONN.

TE Part # 1747469-1
POST CONTACT, MINI VP 1.0MM W
TO B CONN.

Customers Also Bought



TE Part # DT04-2P
REC, 2P, GRY, N

TE Part # W2S
Wedgelocks: DEUTSCH DT

TE Part # 0460-202-16141
DEUTSCH Solid Contacts

TE Part # 282104-1
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

TE Part # DT06-2S
PLG, 2P, GRY, N

TE Part # 281934-2
SINGLE WIRE SEAL

TE Part # 114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

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

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Product Specifications

[Application Specification](#)

English