

1241598-1 ✓ ACTIVE

TE Internal #: 1241598-1

Horizontal, Wire-to-Board, 4 Position, 7mm [.275in] Centerline,
Gold (Au), Printed Circuit Board, 40A Contact Current Rating (Max),
Power, Black

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Automotive Parts > Automotive Connectors > Automotive Headers



PCB Mount Orientation: **Horizontal**

Contact Current Rating (Max): **40 A**

Termination Method to PCB: **Through Hole - Solder**

Sealable: **No**

Centerline (Pitch): **7 mm [.275 in]**

Features

Product Type Features

Header Type	Fully Shrouded
Connector Product Type	Connector Assembly
Sealable	No
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	4

Body Features

Primary Product Color	Black
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Contact Features

Contact Type	Pin
Contact Current Rating (Max)	40 A
Contact Mating Area Plating Material	Gold (Au)



Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	7 mm [.275 in]
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Usage Conditions

Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3% 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 < 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>

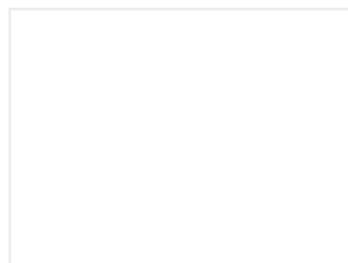
Compatible Parts



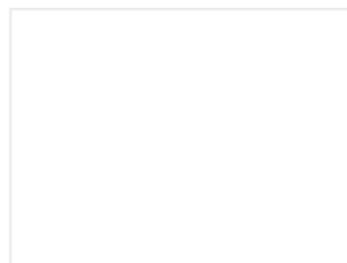
TE Part # 1418918-1
MULTI CORE CABLE ADAPTER 90 DEGREE



TE Part # 965784-1
connector ABDECKKAPPE 180GRD



TE Part # 1241597-1
2,5MM STIFT-GEH 4P



TE Part # 5-962815-1
2,5MM STIFTKONTAKT



TE Part # 965576-1
ABDECKKAPPE 90GRD



TE Part # 965785-1
ABDECKKAPPE 180GRD



TE Part # 1534789-1
ADAPTER 90DEG 4/7POS



TE Part # 1418919-1
MULTI CORE CABLE ADAPTER 90 DEGREE



TE Part # 965783-1
ABDECKKAPPE 90GRD



TE Part # 1394324-3
2,5MM PIN HOUSING 2/4POS,ASSY



TE Part # CAT-C4962-CH8172
Circular DIN Housings



TE Part # 1534791-1
ADAPTER 180DEG 4/7POS



TE Part # 1394324-1
2,5MM STIFTSTECK 2P

Customers Also Bought



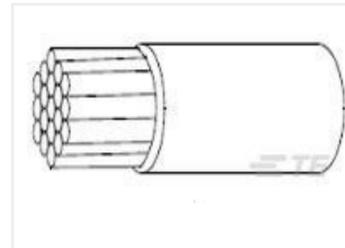
TE Part #2428153001
FLHTC0311-0.50-6



TE Part #CD31433001
FLHTC0311-0.50-2



TE Part #0462-201-2031
SOC, SOLID, SIZE 20, 20AWG, AU



TE Part #639599-000
22759/33-30-5



TE Part #CAT-D487-H342
DEUTSCH DT Headers



TE Part #DTM06-2S-E004
PLG, 2P, BLK, N



TE Part #DT04-3P-E005
REC, 3P, BLK, N, CAP



TE Part #1394324-2
2,5MM STIFTSTECK 4P



TE Part #EL66840001
TRSA-1019/E/1/B

Documents

Product Drawings

[2,5MM ST-GEH,ASSY4P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1241598-1_B_c-1241598-1-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241598-1_B_c-1241598-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241598-1_B_c-1241598-1-b.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

TERMINALS AND CONNECTORS

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

English