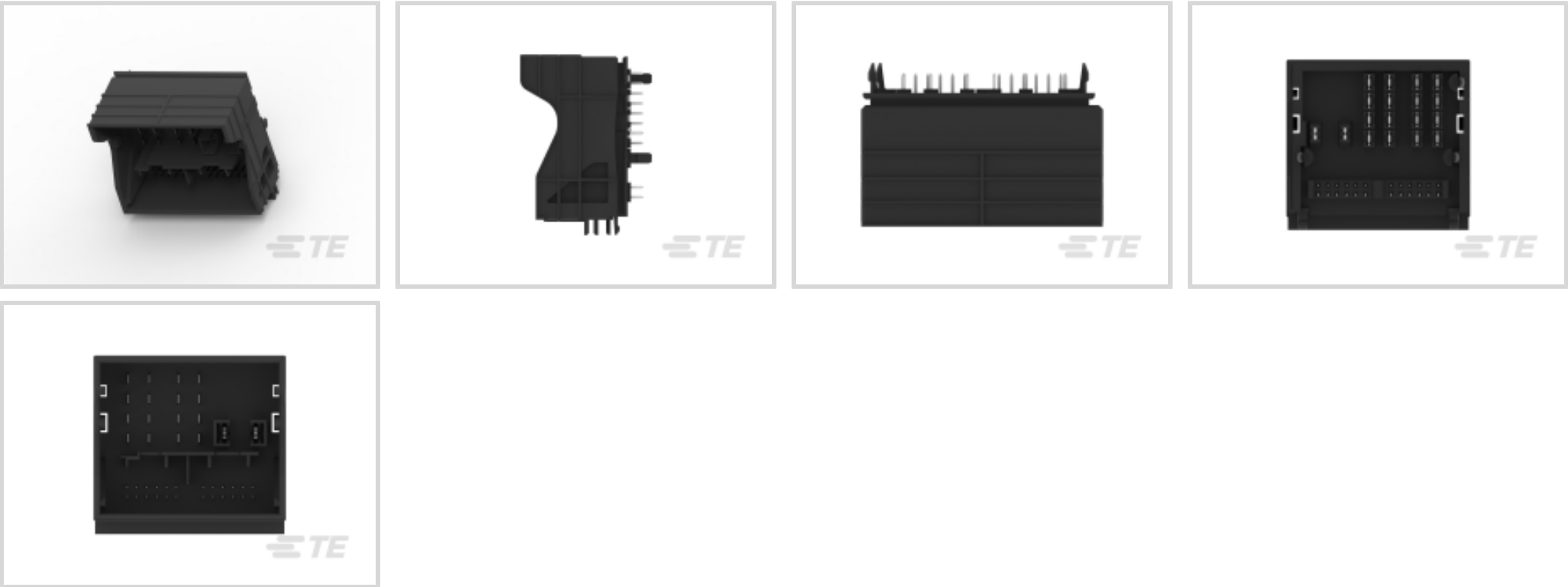




Radio Connectors

TE Internal #: 1241768-1
PCB Mount Header, Vertical, Wire-to-Board, 2.54 mm / 5.08 mm / 8.1 mm [.1 in / .2 in / .319 in] Centerline, Fully Shrouded, Tin, Radio Connectors
[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > Data Connectivity Header



Connector System: **Wire-to-Board**
Centerline (Pitch): **2.54 mm, 5.08 mm, 8.1 mm [.1 in, .2 in, .319 in]**
Sealable: **No**
PCB Mount Orientation: **Vertical**
Number of Rows: **1, 2, 4**

[All Data Connectivity Header \(3\)](#)

Features

Product Type Features

Mixed & Hybrid Header	Yes
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Header Type	Fully Shrouded
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Sections	1
Number of Signal Positions	24
PCB Mount Orientation	Vertical
Number of Rows	1, 2, 4



Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	12 VDC

Body Features

Primary Product Color	Black
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Contact Features

Contact Size	.63mm, 2.8mm
Contact Type	Tab
Mating Tab Width	.63 mm, 2.8 mm [.025 in][.11 in]
Mating Tab Thickness	.6 mm, .63 mm [.024 in][.025 in]
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mounting Holes	Without
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention Type	Locking Interface

Housing Features

Centerline (Pitch)	2.54 mm, 5.08 mm, 8.1 mm [.1 in][.2 in][.319 in]
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Dimensions

Connector Length	49.8 mm[1.961 in]
Connector Width	34.5 mm[1.358 in]
PCB Thickness (Recommended)	.8 mm [.031 in]
Profile Height from PCB	28.3 mm[1.114 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C[158 °F][167 °F][176 °F]
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Operating Temperature Range

-40 – 80 °C[-40 – 176 °F]

Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	120
Packaging Method	Loose Piece

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 240°C

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 # 1241765-2
16POS MIXED MQS REC

Also in the Series | Radio Connectors



PCB Headers & Receptacles(3)

Customers Also Bought



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



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



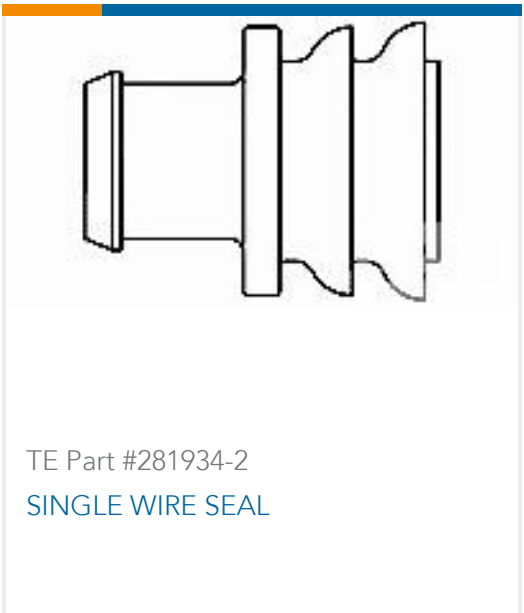
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



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



TE Part #281934-2
SINGLE WIRE SEAL



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

Documents

Product Drawings
MPQ/MQS ST-STE40+2P

English

CAD Files
Customer View Model
ENG_CVM_1241768-1_C11.3d_igs.zip

1241768-1

PCB Mount Header, Vertical, Wire-to-Board, 2.54 mm / 5.08 mm / 8.1 mm [.1 in / .2 in / .319 in] Centerline, Fully Shrouded, Tin, Radio Connectors



English

Customer View Model

[ENG_CVM_1241768-1_C11.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1241768-1_C11.2d_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Product Specification](#)

English