2345180-1 ✔ ACTIVE

TE Internal #: 2345180-1

Wire-to-Board, Shielded, Vertical, 6 Position, Board Mount, A Code, 2 mm / 2.54 mm [.07 in / .1 in] Centerline, Signal, Data Connectivity Headers

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Automotive Parts > Automotive Connectors > Data Connectivity Headers







Connector System: **Wire-to-Board**

Sealable: **No**

Shielded: **Yes**

PCB Mount Orientation: **Vertical**

Number of Positions: **6**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Wire-to-Board
Sealable	No

Configuration Features

Number of Rows	2
PCB Mount Orientation	Vertical
Number of Positions	6

Electrical Characteristics

Operating Voltage	100 VDC

Body Features

Body Material	PA
Connector & Keying Code	A

Contact Features

Outer Contact Plating Material	Tin (Sn)

Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Mating Tab Width	.63 mm[.02 in]
Mating Tab Thickness	.63 mm[.02 in]
Mating Pin Diameter	.6 mm[.02 in]
Contact Current Rating (Max)	2.5 A, 5 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
PCB Mount Retention Type	Guide Pin
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Jet Black
Centerline (Pitch)	2 mm, 2.54 mm[.07 in][.1 in]

Dimensions

Product Width	15.65 mm[.616 in]
Product Length	14.15 mm[.557 in]
Connector Height	15.5 mm[.61 in]

Usage Conditions

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

Operation/Application

Shielded	Yes
Circuit Application	Signal

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 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

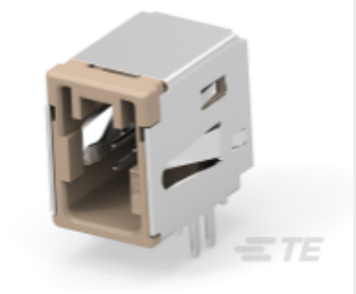
Compatible Parts

TE Part # 2-2112512-7
PIN DIA 0.6, HSD SERIAL

Customers Also Bought



TE Part #2290247-1
0.50 HSL CONN CAP ASSY KEY-A W /O FLANGE



TE Part #2290247-3
4POS,0.50 HSL,90 DEG,COD C



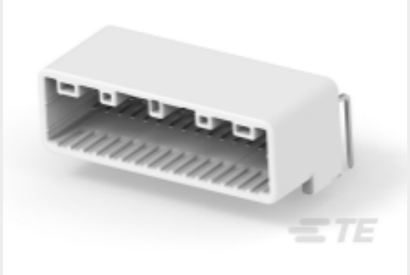
TE Part #2290247-4
4POS,0.50 HSL,90 DEG,COD D



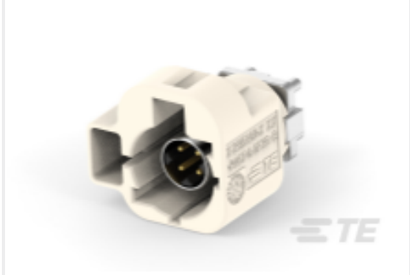
TE Part #2290247-5
4POS,0.50 HSL,90 DEG,COD E



TE Part #2291392-3
MALE ASM, 1 POS, R/A, PCB, FAKRA



TE Part #2326784-1
32POS,TAB0.64X0.64,HDR ASSY, 90DEG,SLDR



TE Part #2345180-2
6POS,HSD DIA 0.6,HDR ASSY,180DEG, COD B



TE Part #2345180-3
6POS,HSD DIA 0.6,HDR ASSY,180DEG, COD C



TE Part #1-2378550-1
4P MATE-AX,HDR ASSY,180DEG,COD A,CAP



TE Part #2322651-1
4POS,0.50 HSL,HDR ASSY,180DEG, COD A

Documents

Product Drawings

6POS,HSD DIA 0.6,HDR ASSY,180DEG,COD A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2345180-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2345180-1_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2345180-1_1.3d_stp.zip

English

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Product Specifications

Application Specification

English