

2357501-2

✓ ACTIVE

MATE-AX

TE Internal #: 2357501-2

Cable-to-Board, Shielded, Vertical, 2 Position, Board Mount, B
Code, 4 mm [.16 in] Centerline, Signal, Data Connectivity Headers

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Automotive Parts > Automotive Connectors > Data Connectivity Headers



Connector System: **Cable-to-Board**

Sealable: **No**

Shielded: **Yes**

PCB Mount Orientation: **Vertical**

Number of Positions: **2**

Features

Product Type Features

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

Configuration Features

Number of Rows	1
PCB Mount Orientation	Vertical
Number of Positions	2

Body Features

Connector & Keying Code	B
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Contact Features

Contact Mating Area Plating Material	Silver (Ag)
Mating Pin Diameter	.4 mm [.01 in]

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Color	White
Centerline (Pitch)	4 mm [.16 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

Industry Standards

UL Flammability Rating	UL 94HB
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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 2025 (247) 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	Pin-in-Paste capable to 260°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 # 2357505-1
2P,MATE-AX,HDR HSG,180DEG

Customers Also Bought



TE Part #173864-1
070 MLC 24P CAP ASSY NATURAL



TE Part #2306368-1
2P,MATE-AX,HDR ASSY,90DEG,COD A



TE Part #2323881-4
TAB1.5X0.6,MS



TE Part #1-2339800-1
MATENET 2X3 HEADER, 90DEG, CODE A



TE Part #1-2339800-2
MATENET 2X3 HEADER, 90DEG, CODE B



TE Part #1-2378550-2
4P MATE-AX,HDR ASSY,180DEG,COD B,CAP



TE Part #2405707-3
4P,MATE-AX,HDR ASSY,90DEG,COD C



TE Part #2408630-2
TAB6.0X0.8,MS



TE Part #2413491-2
TAB2.8X0.8,MS



TE Part #2492210-1
32POS,TAB0.5X0.4,HDR ASSY,90DEG, COD A

Documents

Product Drawings

[2P,MATE-AX,HDR ASSY,180DEG,COD B](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2357501-2_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2357501-2_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2357501-2_A1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

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Product Specifications

Product Specification

English