2357501-1 ✓ ACTIVE

MATE-AX

TE Internal #: 2357501-1

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

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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	A

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

Housing Features

Housing Color	Black
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

Product Compliance

For compliance documentation, visit the product page on TE.com>

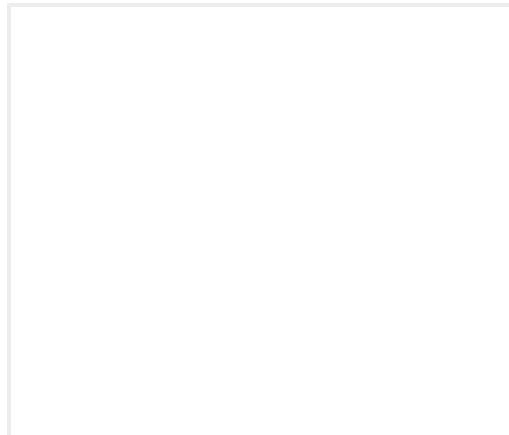|	
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	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 homogeneous 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 homogeneous 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

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requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach
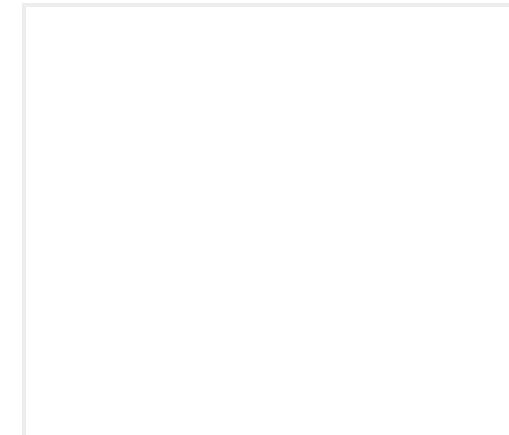
Compatible Parts

TE Part # 2357600-1

2P,MATE-AX,SOC HSG ASSY,90DEG, COD A

TE Part # 2357503-1

2P,MATE-AX,HDR CVR,180DEG,COD A

TE Part # 2357507-1

MATE-AX,SOLDER,180DEG

Customers Also Bought

TE Part #2357501-2

2P,MATE-AX,HDR ASSY,180DEG,COD B

Documents

Product Drawings

2P,MATE-AX,HDR ASSY,180DEG,COD A

English

2P,MATE-AX,HDR ASSY,180DEG,COD A

English

CAD Files
Customer View Model

ENG_CVM_CVM_2357501-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2357501-1_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2357501-1_A1.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

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Centerline, Signal, Data Connectivity Headers

Product Specification

English