2306368-2 ✔ ACTIVE

MATE-AX

TE Internal #: 2306368-2

Cable-to-Board, Shielded, Horizontal, 2 Position, Board Mount, B Code, 4 mm [.15 in] Centerline, Signal, Data Connectivity Headers

View on TE.com >

Automotive Parts > Automotive Connectors > Data Connectivity Headers

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

Sealable: **No**

Shielded: **Yes**

PCB Mount Orientation: **Horizontal**

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	Horizontal
Number of Positions	2

Body Features

Connector & Keying Code	B

Contact Features

Outer Contact Plating Material	Tin (Sn)
Contact Mating Area Plating Material	Silver (Ag)
Contact Type	Pin
Mating Pin Diameter	.4 mm[.016 in]

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Contact Current Rating (Max)	3 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Housing Color	White
Centerline (Pitch)	4 mm[.15 in]

Dimensions

Product Width	23.3 mm[.917 in]
Product Length	12 mm[.472 in]
Connector Height	10.4 mm[.409 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

Packaging Features

Packaging Method	Reel
Packaging Quantity	370

Other

Interface Number	208-18048

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

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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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2306868-2

2P,MATE-AX,SOC HSG ASSY,COD B

Customers Also Bought

TE Part #1-776163-1

35POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1

TE Part #4-2177372-3

8POS,TAB 0.5X0.4,HEADER ASSY, CODA

TE Part #2306368-1

2P,MATE-AX,HDR ASSY,90DEG,COD A

TE Part #2306368-3

2P,MATE-AX,HDR ASSY,90DEG,COD C

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TE Part #2306368-4
2P,MATE-AX,HDR ASSY,90DEG,COD D

TE Part #2314170-2
1POS,FAKRA AUT,HDR ASSY,90DEG, COD B

TE Part #1-2398001-1
USB TYPE C, RA HEADER ASSY CODE A AU 30U

TE Part #2405707-1
4P,MATE-AX,HDR ASSY,90DEG,COD A

TE Part #3-2840625-1
2POS,HC-STAK 25,HDR INNER HSG ASSY,BXDU

TE Part #2321775-3
4P,MATE-AX,HDR ASSY,90DEG,COD C

Documents

Product Drawings
2P,MATE-AX,HDR ASSY,90DEG,COD B

English

CAD Files
Customer View Model
ENG_CVM_CVM_2306368-2_A1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2306368-2_A1.3d_stp.zip

English

Customer View Model
ENG_CVM_CVM_2306368-2_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
MATE-AX 2pos Header Application Specification

English

Product Specification

English