

MATE-AX

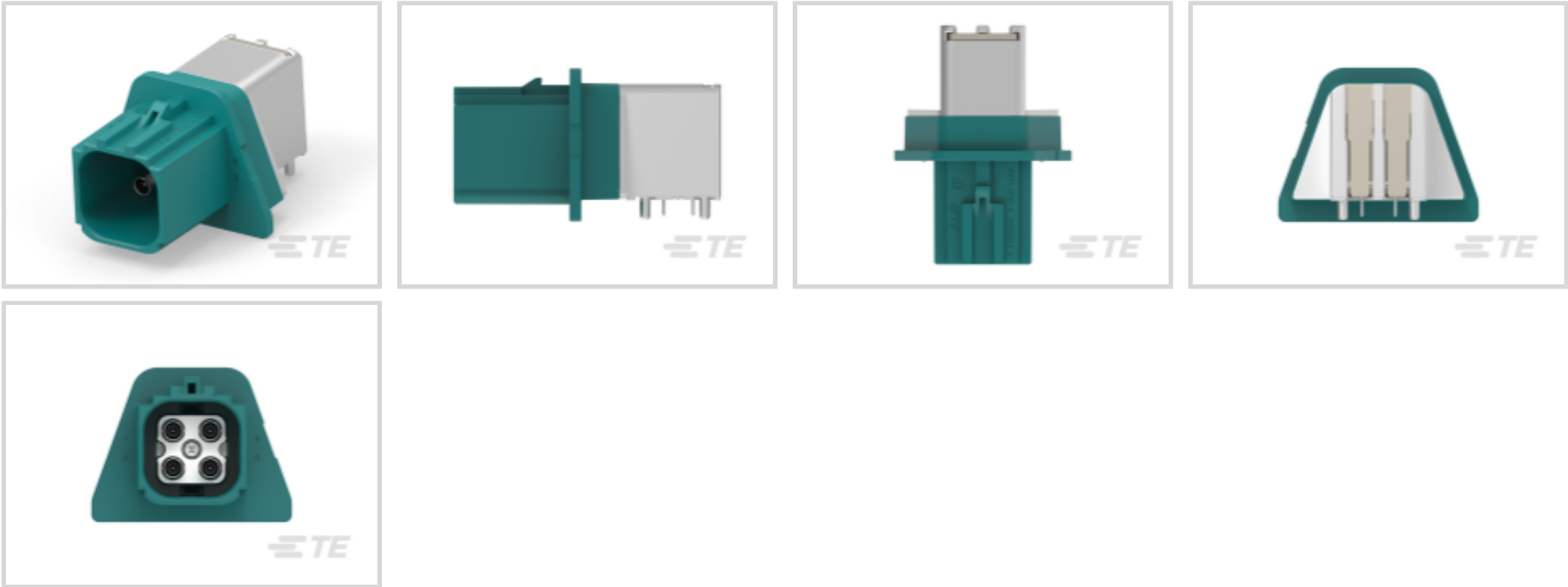
TE Internal #: 2404815-9

Cable-to-Board, Sealable, Shielded, Right Angle, 4 Position, Board Mount, Z Code, 5 mm [.197 in] Centerline, Signal, Data Connectivity Headers

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Automotive Parts > Automotive Connectors > Data Connectivity Headers



Connector System: **Cable-to-Board**
Sealable: **Yes**
Shielded: **Yes**
PCB Mount Orientation: **Right Angle**
Number of Positions: **4**

Features

Product Type Features

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

Configuration Features

Number of Rows	2
PCB Mount Orientation	Right Angle
Number of Positions	4

Electrical Characteristics

Operating Voltage	60 VDC
Impedance	50 Ω

Body Features

Body Material	PA GF
Connector & Keying Code	Z



Contact Features

Outer Contact Plating Material	Tin (Sn)
RF Connector Center Contact Plating Material	Silver (Ag)
Contact Mating Area Plating Material	Silver (Ag)
Center Contact	With
Contact Type	Pin
Mating Pin Diameter	.4 mm[.016 in]
Contact Current Rating (Max)	3 A

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	Water Blue
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Product Width	27 mm[1.063 in]
Product Length	27 mm[1.06 in]
Connector Height	20.7 mm[.817 in]

Usage Conditions

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

Operation/Application

Operating Frequency Range	0 – 6 GHz
Solder Process	Reflow Solder Capable
Shielded	Yes
Circuit Application	Signal

Industry Standards

IP Rating	IPX9K
Compatible With Agency/Standards Products	LV214

Packaging Features

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Packaging Quantity	210
Packaging Method	Tray

Other

Dielectric Material	PA GF
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 2-2354439-9
4P,MATE-AX,SOC HSG ASSY,SLD,
180DEG,CPA,Z



TE Part # 2354439-9
4P,MATE-AX,SOC HSG ASSY,SLD,
180DEG,COD Z



Customers Also Bought

Documents

Product Drawings

1X4 COMBO,MATE-AX,HDR ASSY,SEALED,COD Z

English

CAD Files

Customer View Model

ENG_CVM_CVM_2404815-9_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_2404815-9_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2404815-9_C.3d_igs.zip

English

3D PDF

3D

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



[Product Specifications](#)

[Application Specification](#)

English