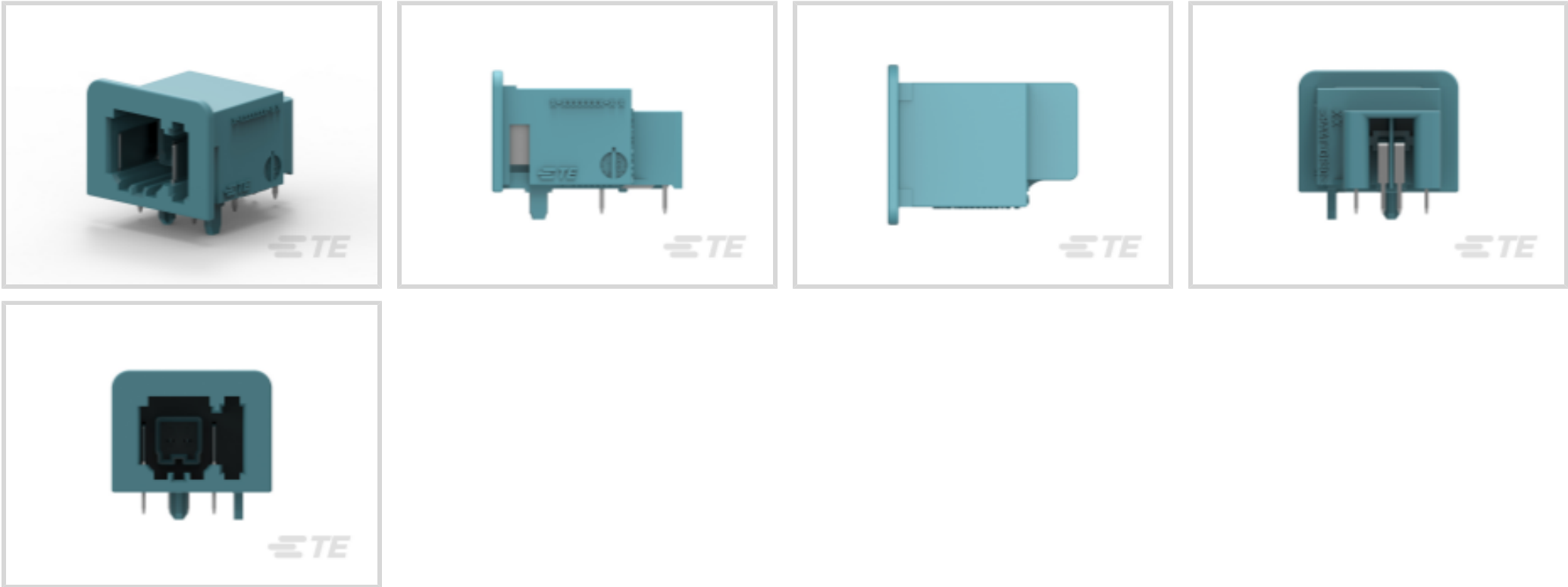




Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Headers



Connector System: **Wire-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
Mixed & Hybrid Connector	No
Connector System	Wire-to-Board
Sealable	No

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	2

Electrical Characteristics

Impedance	100 Ω
Operating Voltage	60 VDC

Signal Characteristics

Operating Frequency Range	0 – 600 MHz
---------------------------	-------------

Body Features

--	--



PCB Retention Feature Plating Material	Copper Alloy
Body Material	PA GF
Connector & Keying Code	Z

Contact Features

Contact Type	Tab
Mating Tab Width	.5 mm[.02 in]
Mating Tab Thickness	.4 mm[.016 in]

Mechanical Attachment

PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Blue
Centerline (Pitch)	1.8 mm[.071 in]

Dimensions

Product Width	17.75 mm[.7 in]
Product Length	21.1 mm[.83 in]
Connector Height	13.5 mm[.53 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

Packaging Features

Packaging Quantity	170
Packaging Method	Box

Other

Dielectric Material	PA GF
---------------------	-------

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: JUNE 2024 (241) 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>

Also in the Series | MATEnet

Automotive Connector Caps & Covers (5)

Automotive Housings(1)

Connector Seals & Cavity Plugs(6)

Data Connectivity Headers(9)

Data Connectivity Housings(29)

Customers Also Bought



TE Part #282841-2
TERMI-BLOK PCB MOUNT 2P. 5

TE Part #1932258-1
Std USB 3.0, Type A, R/A, T/H,

TE Part #9-2176403-0
3550 5K1 1%

TE Part #3-1625867-0
RP 1J 0.166W 12R4 0.1% 25PPM 1K RL

TE Part #2327678-6
RECEPTACLE ASSY, 84 P, VERT,
SLIVER 2.0

TE Part #2328461-1
280 POS., CONNECTOR ASSEMBLY,
SLIVER 2.0

TE Part #5-147292-2
10 MODII HDR DR SFMT B/A T&R

TE Part #1734035-2
MINI USB, TYPE B, R/A, SMT

TE Part #4-2176421-8
TLRP 2512 2.0W R009 1% 50PPM 4K RL

TE Part #5-147118-1
03 MODII HDR SR SFMNT B/A .100

Documents

Product Drawings

1-PORT MATENET HDR ASSY 90DEG, COD Z

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-2304372-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-2304372-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-2304372-9_A.3d_stp.zip

English

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

Product Specifications



Application Specification

English