



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



Mating Tab Width: .5 mm, 1.5 mm [.019 in, .059 in]
Mating Tab Thickness: .4 mm, .64 mm [.025 in, .015 in]
Connector & Keying Code: A
Connector System: Wire-to-Board
Number of Positions: 8

Features

Contact Features

Mating Tab Width	.5 mm, 1.5 mm[.019 in][.059 in]
Mating Tab Thickness	.4 mm, .64 mm[.025 in][.015 in]
Contact Current Rating (Max)	20 A, 3 A
Contact Mating Area Plating Material	Silver
Contact Type	Pin

Body Features

Connector & Keying Code	A
PCB Retention Feature Plating Material	Tin
Body Material	PBT GF20

Product Type Features

Connector System	Wire-to-Board
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Mixed & Hybrid Connector	Yes



Configuration Features

Number of Positions	8
PCB Mount Orientation	Right Angle

Housing Features

Centerline (Pitch)	4 mm, 1.8 mm[.157 in][.07 in]
Housing Color	Black

Operation/Application

Shielded	Yes
Circuit Application	Power & Signal
Solder Process	Wave Solder
Assembly Process Feature	Board Standoff

Mechanical Attachment

Connector Mounting Type	Panel Mount
Panel Attachment Style	Rear Mount
PCB Mount Retention	With
Mating Retention	With
PCB Mount Retention Type	Boardlock

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Outer Contact Plating Material	Nickel (Ni)
Interface Number	208-18144

Electrical Characteristics

Operating Voltage	60 VDC
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Signal Characteristics

Operating Frequency Range	0 – 1000 MHz, 0 – 100 MHz
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Dimensions

Product Width	42.3 mm[1.66 in]
Product Length	43.1 mm[1.69 in]



Connector Height	25.7 mm[1.01 in]
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Industry Standards

IP Rating	IP6K9K, IP67
Compatible With Agency/Standards Products	ISO 8092

Packaging Features

Packaging Quantity	180
Packaging Method	Box

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts





TE Part # 2112295-1
PROTECTION CAP, GROUP D, ASSY



TE Part # 9-2331355-1
HD MATEnet 1+6 REC. HSG ASSY, GRP D

Also in the Series | Heavy Duty Sealed Connector Series



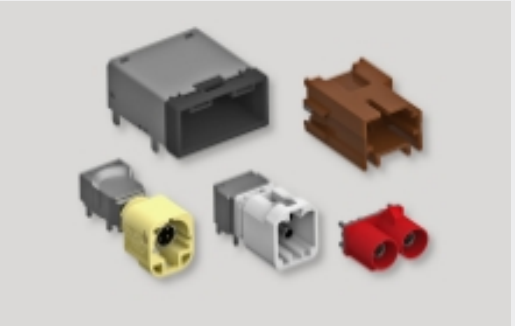
Automotive Connector Caps & Covers (25)



Automotive Housings(215)



Connector Seals & Cavity Plugs(5)



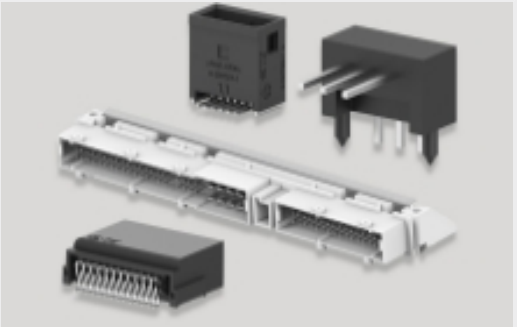
Data Connectivity Headers(2)



Data Connectivity Housings(16)



Other Automotive Connector Accessories(36)



PCB Headers & Receptacles(1)

Also in the Series | MATEnet



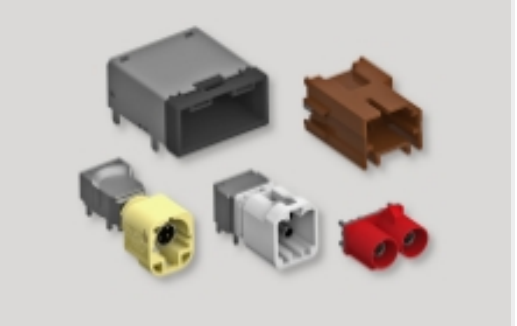
Automotive Connector Caps & Covers (5)



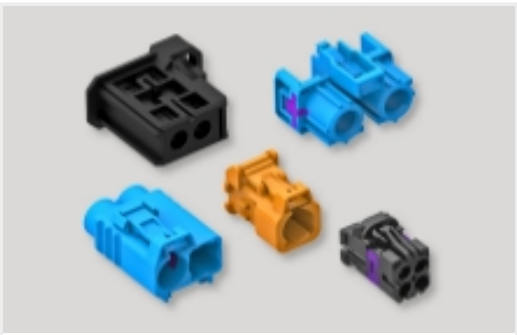
Automotive Housings(1)



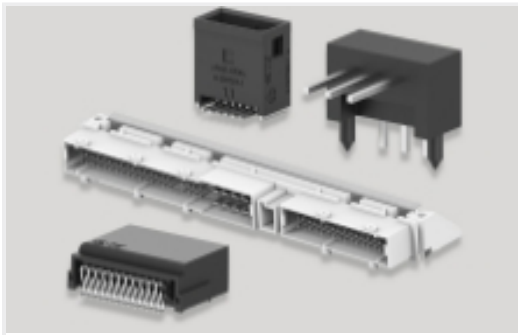
Connector Seals & Cavity Plugs(6)



Data Connectivity Headers(8)



Data Connectivity Housings(29)

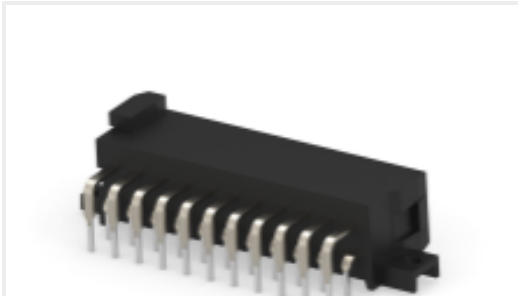


PCB Headers & Receptacles(2)

Customers Also Bought



TE Part #5-338169-2
15P HDP20 PLUG ASSY



TE Part #966029-1
MESSERLEISTE 22P



TE Part #1-928776-3
MOD2 STIFT M A-PIN



TE Part #104809-6
07 MTE HDR SRST LATCH W/HLDWN



TE Part #1725761-1
KIT,SEATING TOOL, 1X4



TE Part #826938-4
4P AMPMODU II STIFT LEI



TE Part #104809-4
05 MTE HDR SRST LATCH W/HLDWN

Documents

Product Drawings

HD MATEnet 1+6 HDR ASSY, GRP D, 90DEG

English

HD MATEnet 1+6 HDR ASSY, GRP D, 90DEG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-2363899-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-2363899-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-2363899-1_B.3d_stp.zip



English

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Datasheets & Catalog Pages
DATA CONNECTIVITY SOLUTIONS

English

Product Specifications
Application Specification

English