



TE Internal #: 9-2354261-1

Data Connectivity Housings, Housing for Female Terminals, A, Wire-to-Wire / Wire-to-Board, 4 Position, Sealable, Shielded, Cable Exit Angle 180°

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Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Housings



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: **.5 mm, 1.6 mm [.019 in, .062 in]**

Mating Tab Thickness: **.4 mm, .6 mm [.015 in, .023 in]**

Connector & Keying Code: **A**

Connector System: **Wire-to-Board, Wire-to-Wire**

Features

Product Type Features

Hybrid Connector	Yes
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	4
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Electrical Characteristics

Operating Voltage	60 VDC
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Body Features

Cable Exit Type	Straight to Angled, Straight to Straight
Ferrule	With
Body Material	PBT GF
Connector & Keying Code	A



Cable Exit Angle	180°
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Contact Features

Center Contact	With
Contact Type	Receptacle
Contact Mating Area Plating Material	Silver
RF Connector Center Contact Plating Material	Silver (Ag)
Mating Tab Width	.5 mm, 1.6 mm [.019 in][.062 in]
Mating Tab Thickness	.4 mm, .6 mm [.015 in][.023 in]
Contact Current Rating (Max)	3 A, 20 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
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Dimensions

Connector Height	25.7 mm [1.01 in]
Product Width	31.25 mm [1.23 in]
Product Length	44 mm [1.73 in]

Usage Conditions

Operating Temperature (Max)	125 °C [257 °F]
Cable Type	STP, UTP
Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]

Operation/Application

Shielded	Yes
Circuit Application	Power & Signal

Industry Standards

Agency/Standard	ISO 8092
IP Rating	IP67, IP6K9K

Packaging Features



Packaging Quantity	350
Packaging Method	Bag & Box

Other

Outer Contact Plating Material	Nickel (Ni)
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 2023 (233) Not Yet Reviewed
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 # 9-2354242-1
HD MATEnet 1+2 TAB HSG ASSY, GRP C



TE Part # 9-2354248-1
HD MATEnet 1+2 TAB ASSY, GRP C, FLANGED



TE Part # 9-2375246-1
HDSENET 1+2 HDR ASSY C, 90DEG, CODE A



TE Part # 9-2375248-1
HDSENET 1+2 HDR ASSY C, 180DEG, CODE A

TE Part # 2375246-1
HD MATEnet 1+2pos HDR ASSY GRP C, 90DEG

TE Part # 2375248-1
HD MATEnet 1+2pos HDR ASSY GRP C, 180DEG

TE Part # 9-2386735-1
4POS,TAB1.5X0.64,HDR ASSY, 180DEG,SLDR

Documents

Product Drawings

[HD MATEnet 1+2 REC HSG ASSY, GRP C](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_9-2354261-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-2354261-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-2354261-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English