

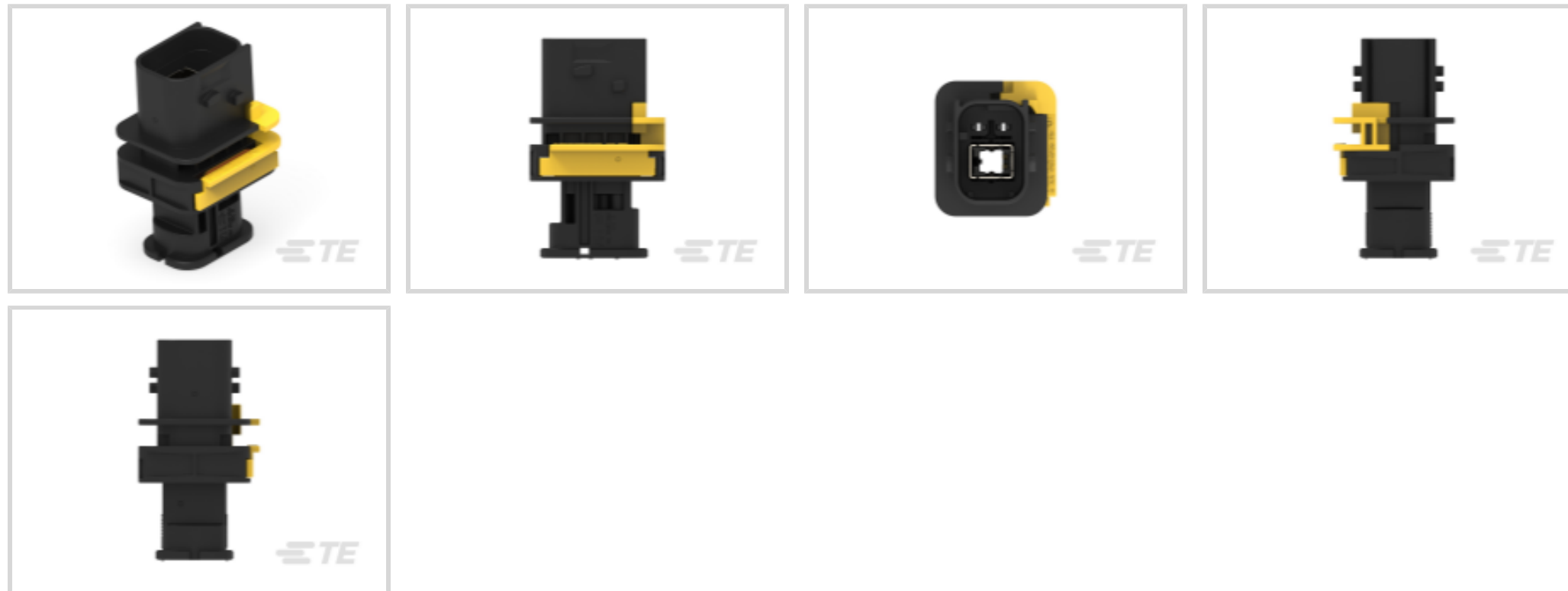


TE Internal #: 9-2354242-1

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

[View on TE.com >](#)

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



Connector & Housing Type: **Housing for Male 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-Wire**

Features

Product Type Features

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

Configuration Features

Number of Positions	4
---------------------	---

Electrical Characteristics

Operating Voltage	60 VDC
-------------------	--------

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°
------------------	------

Contact Features

Center Contact	With
Contact Type	Tab
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
------------------------------------	-------

Mechanical Attachment

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

Housing Features

Housing Color	Black
---------------	-------

Dimensions

Connector Height	27 mm [1.06 in]
Product Width	32.6 mm [1.28 in]
Product Length	52.8 mm [2.08 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 Method	Package
------------------	---------

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) Candidate List Declared Against: JAN 2023 (233) 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



Documents

Product Drawings

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

English

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_9-2354242-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-2354242-1_A1.3d_igs.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_9-2354242-1_A1.2d_dxf.zip](#)

English

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

Product Specifications

[Application Specification](#)

English