



Connectors > Automotive Connectors > Automotive Housings



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

Mating Tab Width: **12 mm [ .472 in ]**

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

Number of Positions: **2**

Centerline (Pitch): **15.7 mm [ .618 in ]**

Features

Product Type Features

Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

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Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	B

Contact Features

Contact Size	12mm
Contact Type	Receptacle
Mating Tab Width	12 mm[.472 in]
Contact Current Rating (Max)	160 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	15.7 mm[.618 in]

Dimensions

Connector Height	34.3 mm
Product Width	37.95 mm
Product Length	54.15 mm
Compatible Insulation Diameter Range	6 – 8 mm

Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Circuit Application	High Speed Data
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Industry Standards

Degree of Protection	IPX9K
Agency/Standard	LV 214
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Method	Loose Piece
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Other



Serviceable	Yes
Connector Position Assurance Capable	Yes

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2-2293004-3  
MCON 12, AG CA, BLANK WF, S-S WF, 180






TE Part # 2308551-4  
REC CONN CVR,1POS,MCON 12,SWS



TE Part # 2308551-5  
REC CONN CVR,1POS,MCON 12,SWS

Customers Also Bought



 <p>TE Part #1-1703506-1 8POS, MCON 1.2 LL TAB SEALED COD A</p>	 <p>TE Part #2-1579028-2 EXTRACTION TOOL</p>	 <p>TE Part #2308551-4 REC CONN CVR,1POS,MCON 12,SWS</p>	<p>TE Part #10131105-00 USM-X1342TZ</p>
<p>TE Part #10131105-01 USM-X1421TZ</p>	<p>TE Part #10131105-03 (INDIV)SV-X1451-LH (3.5MM)</p>	<p>TE Part #10131105-07 USM-X1422TZ</p>	<p>TE Part #19299-000 SWITCH HOUSING ADAPTOR</p>
<p>TE Part #83572-000 ULS-X1399TZ</p>	<p>TE Part #88526-000 LCS-X1428Z</p>		

Documents

Product Drawings  
2POS,MCON 12,REC HSG ASSY,SLD,COD 2  
English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_2343344-2\_A.2d\_dxf.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2343344-2\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_2343344-2\_A.3d\_stp.zip  
English

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Product Specifications



Application Specification

English

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