



TE Internal #: 1-2295393-1
12 V, 16 Position, Automotive Housing for Female Terminals, Wire-to-Board, 3.5 mm / 5.5 mm [.13 in / .21 in] Centerline, Black, Wire & Cable
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Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V
Connector & Housing Type: **Housing for Female Terminals**
Number of Positions: 16
Sealable: No
Operating Temperature Range: -40 – 85 °C [-40 – 185 °F]

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	3

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V

Body Features

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Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.2mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm, 2.8 mm [.05 in][.11 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PA 66 GF30
Centerline (Pitch)	3.5 mm, 5.5 mm [.13 in][.21 in]

Dimensions

Product Width	25 mm [.98 in]
Row-to-Row Spacing	4.5 mm [.17 in]
Product Length	30.1 mm [1.18 in]
Connector Height	31.5 mm [1.24 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C [-40 – 185 °F]
Operating Temperature (Max)	85 °C [185 °F]

Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Carton
Packaging Quantity	150

Other

Connector Position Assurance Capable	Yes
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable 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 # CAT-N13-AT12
1.2 mm Automation Ready Terminals for Automotive Wire Harness Production and High Efficiency Automation

TE Part # 5-1579008-2
EXTRACTION TOOL

TE Part # 2-1579008-1
EXTRACTION TOOL

TE Part # 1452426-1
EXTRACTION TOOL

Customers Also Bought





TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



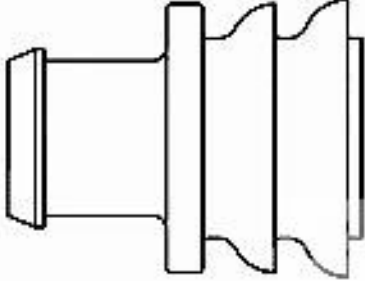
TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

Product Drawings
PLUG ASSY, 16WAY, HYBRID, UNSEALED, A
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-2295393-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1-2295393-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-2295393-1_A.3d_stp.zip
English

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Product Specifications
Application Specification