

185763-1 ✓ ACTIVE

TE Internal #: 185763-1

Housing for Male Terminals, Wire-to-Wire / Wire-to-Board / Wire-to-Device, 16 Position, .131 in / .165 in [4.2 mm / 3.33 mm]

Centerline, Black

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



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

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

Number of Positions: **16**

Centerline (Pitch): **3.33 mm, 4.2 mm [.131 in, .165 in]**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2

Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Body Material	PBT
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Primary Product Color	Black
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Connector Code	Neutral
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Contact Features

Contact Size	1.5mm, 2.8mm
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Contact Type	Tab
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Contact Current Rating (Max)	12 A, 20 A, 29 A
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Mechanical Attachment

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

Centerline (Pitch)	3.33 mm, 4.2 mm [.131 in] [.165 in]
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Dimensions

Row-to-Row Spacing	6 mm [.236 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	560
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Packaging Method	Box
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Other

Connector Position Assurance Capable	No
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224)
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Candidate List Declared Against: JUNE 2022 (224)

Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

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



Documents

Product Drawings

[16W HYBRID TAB HSG BLACK](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_185763-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_185763-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_185763-1_B.3d_stp.zip](#)



English

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Product Specifications

Product Specification

English