



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**
Number of Positions: **20**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **3.5 mm [.138 in]**
Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	20
Number of Rows	5

Electrical Characteristics

Nominal Voltage Architecture	24 V
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Body Features

Primary Product Color	Gray
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Connector & Keying Code	B
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Contact Features

Contact Size	Size 16, Size 20
Contact Type	Receptacle
Mating Pin Diameter	1 mm, 1.55 mm[.039 in][.061 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]
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Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Power
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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
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)



Decamethylcyclopentasiloxane (D5) (.5% in Component Part)

Article Safe Usage Statements:
Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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-D487-M8649 DEUTSCH DT Mounting Clips	 TE Part # 2350891-2 20POS, HYBRID, PIN HSG ASSY, SLD, COD B	 TE Part # 2355806-1 CONNECTOR CLIP, CONN KIT	 TE Part # 2357302-2 BACKSHELL, CONN KIT
 TE Part # 2357921-1 BACKSHELL, CONN KIT	 TE Part # 2373921-1 CVTY PLUG, PIN DIA 2.5, CVTY DIA, 2.5, GRY	 TE Part # 1-2350891-2 20POS, HYBRID, PIN HSG ASSY, SLD, COD B	 TE Part # 2-2350891-2 20POS, HYBRID, PIN HSG ASSY, SLD, COD B



TE Part # 2357922-1
FIR CLIP, CONN KIT

TE Part # 2373921-2
CVTY PLUG, PIN DIA 1.6, CVTY DIA, 1.9, YEL

Also in the Series | **DEUTSCH NTSEAL**

Automotive Housings(68)

Connector Backshells(7)

Connector Seals & Cavity Plugs(9)

Other Automotive Connector Accessories(6)

Customers Also Bought

TE Part #1060-16-0144
PIN, SF, SIZE 16, 14-18, AU/SN

TE Part #2350891-2
20POS, HYBRID, PIN HSG ASSY, SLD, COD B

TE Part #2355806-1
CONNECTOR CLIP, CONN KIT

TE Part #2365741-1
2POS, TAB5.8X0.8, HDR ASSY, 180DEG

TE Part #1-2350890-3
20POS, HYBRID, SOC HSG ASSY, SLD, COD C

TE Part #1-2350891-3
20POS, HYBRID, PIN HSG, SLD, COD C

TE Part #2350890-3
20POS, HYBRID, SOC HSG ASSY, SLD, COD C

TE Part #2350891-3
20POS, HYBRID, PIN HSG, SLD, COD C

TE Part #2366509-2
48POS, HYBRID, PIN HSG ASSY, SLD, COD B

TE Part #2366517-3
FIX RING, CONN KIT



Documents

Product Drawings

20POS,HYBRID,SOC HSG ASSY,SLD,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2350890-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2350890-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2350890-2_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English