



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Wire**
Number of Positions: **52**
Connector & Housing Type: **Housing for Female Terminals**
Centerline (Pitch): **4.3 mm, 6.5 mm [.169 in, .255 in]**
Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Wire
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	52
Number of Rows	4

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features

Cable Exit Angle	90°
Primary Product Color	Black
Connector & Keying Code	A

Contact Features



Contact Size	1.5mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm, 2.8 mm[.06 in][.11 in]
Contact Current Rating (Max)	10 A, 30 A

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4.3 mm, 6.5 mm[.169 in][.255 in]

Dimensions

Connector Height	33.5 mm[1.319 in]
Product Width	45 mm[1.772 in]
Product Length	52 mm[2.047 in]
Row-to-Row Spacing	5.5 mm[.217 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

Product Compliance



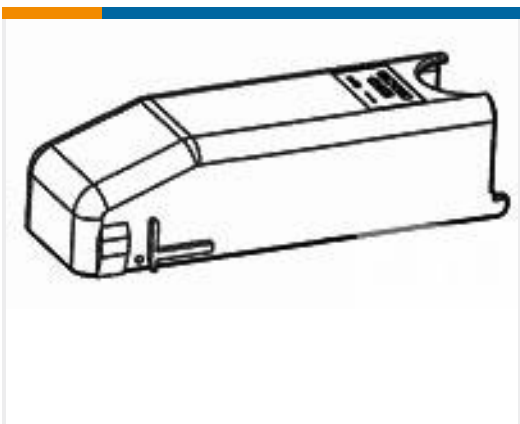
For compliance documentation, visit the product page on [TE.com](#)>

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 2024 (240) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 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 # 1393454-7
V23542C1052Z102=52P ABDECKKAPP



TE Part # 1411340-1
RADIAL SEAL F52P

Also in the Series | [Timer Connector System](#)



Automotive Connector Caps & Covers (14)



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(216)



Automotive Terminals(136)



Connector Seals & Cavity Plugs(31)



Crimp Terminal Housings(13)



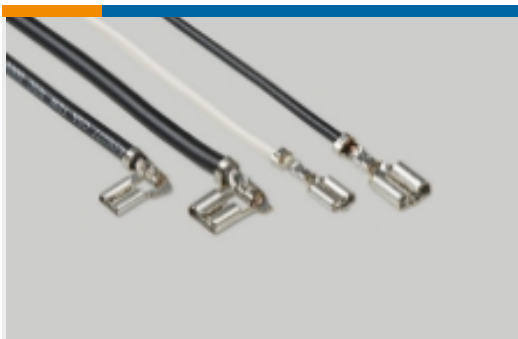
Insertion & Extraction Tools(18)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(77)



Quick Disconnects(4)

Customers Also Bought



TE Part # DRBF-2B
FLANGE, MOUNT, 60/48P, BLK, B



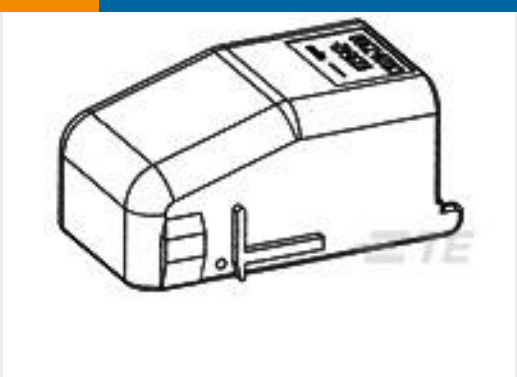
TE Part # 1393436-2
V23542C1028B102=28P KABELBAUMS



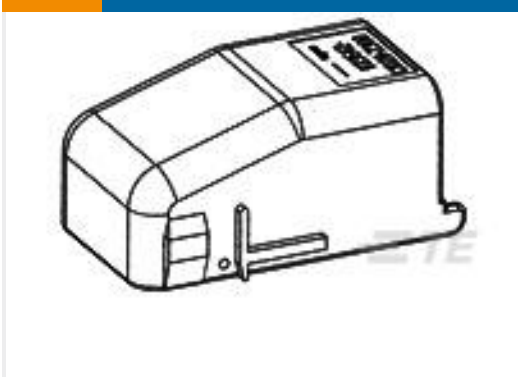
TE Part # 1-1355877-1
AMP MCP 2.8, CONTACT LANCELESS



TE Part # 1-827578-1
3P JUNIOR-TIMER GH



TE Part # 1393454-2
V23542C1028Z102=28P ABDECKKAPP



TE Part # 1393454-1
V23542C1028Z100=28P ABDECKKAPP



TE Part # 1897014-2
MT-2/JPT SLD 26P PLUG COVER



TE Part # 2319937-2
REC CONN CVR,2POS,PCON21



Documents

Product Drawings

V23542C1052B102=52P KABELBAUM-

English

V23542C1052B102=52P KABELBAUM-

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1393450-3_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1393450-3_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_1393450-3_A1.3d_stp.zip

English

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