1393450-5 ✔ ACTIVE

TE Internal #: 1393450-5

Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 52 Position, .255 in / .169 in [6.5 mm / 4.3 mm] Centerline, Sealable, Black, Wire & Cable

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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

Blank Cavity Position	0
Number of Positions	52
Number of Rows	4

Electrical Characteristics

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

Body Features

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

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	No
Strain Relief	With
Mating Alignment Type	Polarized
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	47.5 mm
Product Width	35.2 mm
Product Length	95.8 mm
Row-to-Row Spacing	4 mm, 4.8 mm, 6.5 mm

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Degree of Protection	IPX9K
UL Flammability Rating	UL 94HB

Packaging Features

Packaging Quantity	180
Packaging Method	Box

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

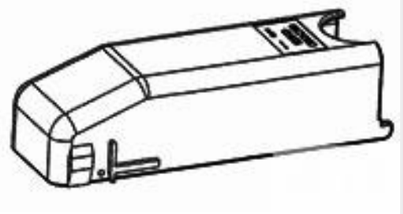
Product Compliance Disclaimer

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 # 3-1579007-9
EXTRACTION TOOL



TE Part # 1393454-9
V23542C1052Z300=ABDECKK 52PDIC



TE Part # 8-1393476-0
PIN HEADER 80P WITH PIN GUIDE

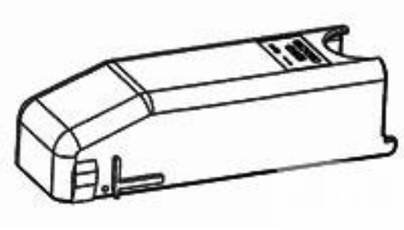
Customers Also Bought



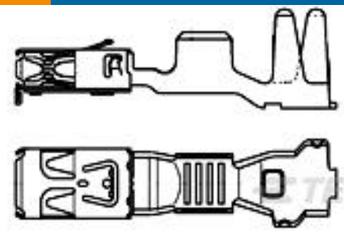
TE Part #963530-1
EINZELLEITERDICHTNG



TE Part #10142032-02
TRICAN 5V HTD2800P1B11C6 500kbps



TE Part #1393454-7
V23542C1052Z102=52P ABDECKKAPP



TE Part #1411594-1
ELOP2,8 F6000Y 65



TE Part #2304106-1
PLUG ASSEMBLY 72P



TE Part #9-2177796-1
O-RING,4x1.5



TE Part #1-1320921-0
SHEAR HOLDER, FRONT

TE Part #4-1411572-1
ELOGEDR X5600Y75

TE Part #4-523177-7
PNEUM. CYLINDER, DOUBLE ACTION, CD85N10

TE Part #1393457-5
V23540M1000Z119=BLINDSTOPFEN (

Documents

Product Drawings

V23542C1052B300=KABELBAUMST 80

English

V23542C1052B300=KABELBAUMST 80

English

CAD Files

Customer View Model

ENG_CVM_CVM_1393450-5_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1393450-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1393450-5_A.3d_stp.zip

English

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