



Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

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

Number of Positions: **52**

Sealable: **Yes**

Number of Rows: **4**

Features

Product Type Features

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

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 52 |
| Number of Rows      | 4  |

Electrical Characteristics

|                              |      |
|------------------------------|------|
| Nominal Voltage Architecture | 12 V |
|------------------------------|------|

Body Features

|                  |     |
|------------------|-----|
| Cable Exit Angle | 90° |
|------------------|-----|



|                         |       |
|-------------------------|-------|
| Primary Product Color   | White |
| 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] |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | With                       |
| Terminal Position Assurance | No                         |
| Mating Alignment Type       | Keyed                      |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                    |                                  |
|--------------------|----------------------------------|
| Housing Material   | PBT GF                           |
| Centerline (Pitch) | 2.15 mm, 3.25 mm[.08 in][.13 in] |

Dimensions

|                    |                              |
|--------------------|------------------------------|
| Row-to-Row Spacing | 4 mm, 6.5 mm[.15 in][.25 in] |
| Product Width      | 47.5 mm[1.87 in]             |
| Product Length     | 95.5 mm[3.76 in]             |
| Connector Height   | 35.2 mm[1.38 in]             |

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Packaging Features

|                  |     |
|------------------|-----|
| 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 |

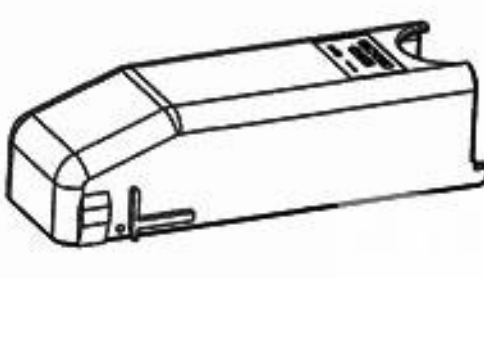


|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

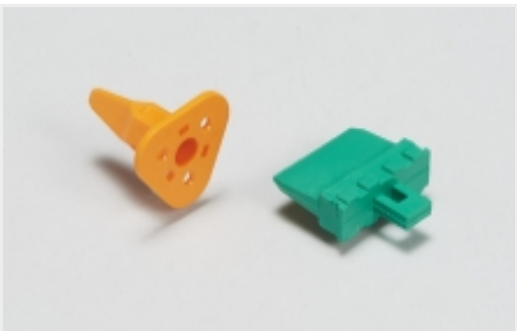


TE Part # 1393454-7  
[V23542C1052Z102=52P ABDECKKAPP](#)



TE Part # 1411340-1  
[RADIAL SEAL F52P](#)

Also in the Series | Timer Connector System



Automotive Connector Locks & Position Assurance(15)



Automotive Housings(186)



Automotive Seals & Cavity Plugs(32)



Other Automotive Connector Accessories(1)

Customers Also Bought



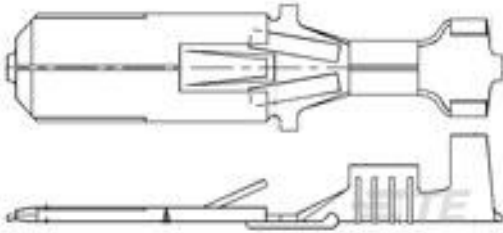
TE Part #DRC14-40PAE  
REC, 40P, BLK, E, A



TE Part #BSA896F0985202A000  
917 PLUG



TE Part #BSA880N0086055A000  
917 PLUG, SPEEDTEC



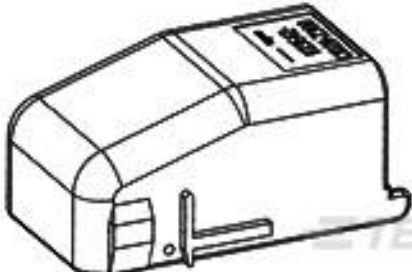
TE Part #180409-2  
FF 250 TAB 4-6MM2 PTBR LP



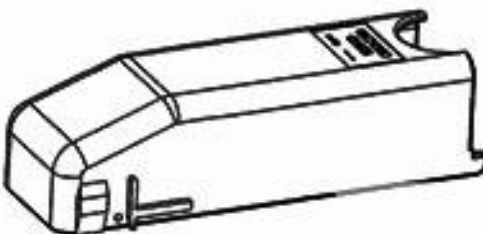
TE Part #184095-1  
RECPT, CONTACT .070, AUPHBZ



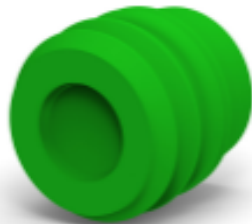
TE Part #1393436-2  
V23542C1028B102=28P KABELBAUMS



TE Part #1393454-1  
V23542C1028Z100=28P ABDECKKAPP



TE Part #1393454-7  
V23542C1052Z102=52P ABDECKKAPP



TE Part #2289243-1  
WS-35-001, SEAL, GRN, 10.59-11.59, DTSK



TE Part #2292799-3  
AS16,PLUG BACKSHELL KIT,ST,04P, NC12

Documents

Product Drawings

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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



[product-1393450-3-datasheet](#)

English