

953756-1 ✓ ACTIVE

Timer Connector System

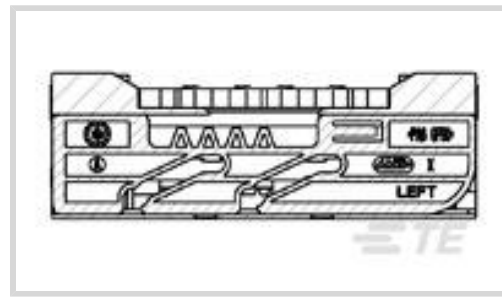
TE Internal #: 953756-1

Housing for Female Terminals, Wire-to-Wire, 47 Position, .157 in [.4 mm] Centerline, Sealable, Blue, Signal, Timer Connector System

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Connectors > Automotive Connectors > Connector Housings



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

Mating Tab Width: 1.6 mm, 4.8 mm [.063 in, .189 in]

Connector System: **Wire-to-Wire**

Number of Positions: 47

Centerline (Pitch): .4 mm [.157 in]

Features

Product Type Features

| | |
|---------------------------|------------------------------|
| Connector & Housing Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Wire |
| Sealable | Yes |
| Hybrid Connector | Yes |
| Primary Locking Feature | On the Terminal |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 47 |
| Number of Rows | 3 |

Electrical Characteristics

| | |
|------------------------------|--------|
| Operating Voltage | 16 VDC |
| Nominal Voltage Architecture | 12 V |

Body Features

| | |
|-----------------------|--------|
| Cable Exit Angle | 180° |
| Body Material | PBT GF |
| Primary Product Color | Blue |

Contact Features

| | |
|--------------|--------------|
| Contact Size | 1.6mm, 4.8mm |
|--------------|--------------|



| | |
|------------------|-----------------------------------|
| Contact Type | Receptacle |
| Mating Tab Width | 1.6 mm, 4.8 mm [.063 in][.189 in] |

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Mounting Feature | Without |
| Terminal Position Assurance | Yes |
| Strain Relief | Add By Accessory |
| Mating Alignment Type | Polarized |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | .4 mm [.157 in] |
|--------------------|-----------------|

Dimensions

| | |
|--------------------|---|
| Product Width | 33.5 mm [1.319 in] |
| Product Length | 99 mm [3.898 in] |
| Product Height | 38 mm [1.496 in] |
| Row-to-Row Spacing | 12.8 mm, 4 mm, 8.8 mm [.157 in][.346 in][.504 in] |

Usage Conditions

| | |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F] |
| Operating Temperature Range | -40 – 100 °C [-40 – 212 °F] |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|------------------------|---------|
| UL Flammability Rating | UL 94HB |
|------------------------|---------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 208 |
| 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 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| 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>

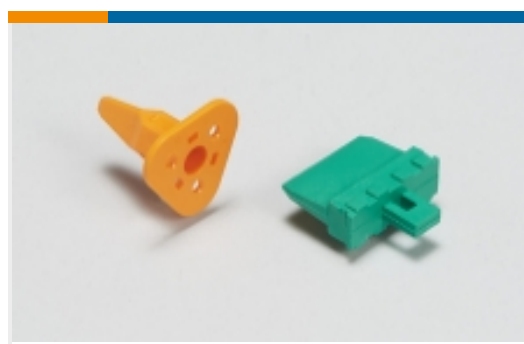
Compatible Parts

| | | |
|---|--|---|
|  <p>TE Part # 100132-1 CAVITY PLUG</p> |  <p>TE Part # 963531-1 BLINDSTOPFEN</p> |  <p>TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB</p> |
|---|--|---|

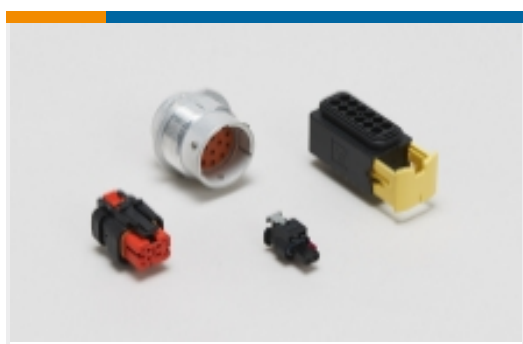
Also in the Series | [Timer Connector System](#)



Automotive Connector Caps & Covers (11)



Automotive Connector Locks & Position Assurance(16)



Automotive Housings(219)



Automotive Seals & Cavity Plugs(31)



Automotive Terminals(138)



Crimp Terminal Housings(13)



Insertion & Extraction Tools(20)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(78)



Quick Disconnects(4)

Customers Also Bought



TE Part #DT04-2P
DEUTSCH DT Series Housings & Connectors



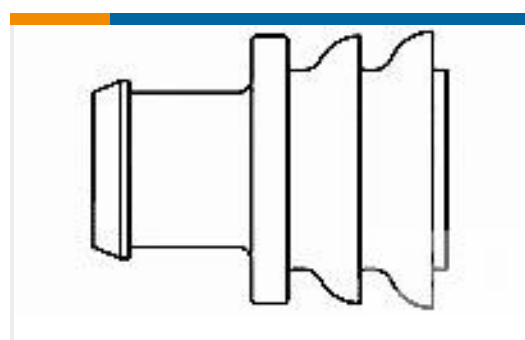
TE Part #W2S
DEUTSCH DT WEDGELOCKS



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #206070-8
CABLE CLAMP KIT #17



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #0460-202-16141
DEUTSCH SOLID CONTACTS

Documents



Product Drawings

47W RCPT HSG ASSY

English

CAD Files

Customer View Model

[ENG_CVM_CVM_953756-1_K.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_953756-1_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_953756-1_K.3d_stp.zip](#)

English

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Product Specifications

Product Specification

French

Product Specification

French

Instruction Sheets

Instruction Sheet (non U.S.)

French