



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**
Number of Positions: **2**
Connector & Housing Type: **Housing for Male Terminals**
Centerline (Pitch): **6 mm [.236 in]**
Sealable: **No**

Features

Product Type Features

| | |
|-----------------------------------|----------------------------|
| Mixed & Hybrid Connector | No |
| Connector Shape | Rectangular |
| Connector System | Wire-to-Wire |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |
| Primary Locking Feature | Integrated in Housing |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|------------------------------|---------|
| Operating Voltage | 250 VDC |
| Nominal Voltage Architecture | 250 V |

Body Features



| | |
|------------------|------|
| Cable Exit Angle | 180° |
|------------------|------|

| | |
|-----------------------|------|
| Primary Product Color | Blue |
|-----------------------|------|

Contact Features

| | |
|--------------|---------|
| Contact Size | Size 16 |
|--------------|---------|

| | |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|

| | |
|---------------------|-----------------|
| Mating Pin Diameter | 1.6 mm[.063 in] |
|---------------------|-----------------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | 13 A |
|------------------------------|------|

Mechanical Attachment

| | |
|-----------------------------|----|
| Terminal Position Assurance | No |
|-----------------------------|----|

| | |
|---------------|---------|
| Strain Relief | Without |
|---------------|---------|

| | |
|-----------------------|----------------|
| Mating Alignment Type | Polarizing Rib |
|-----------------------|----------------|

| | |
|------------------|------|
| Mating Alignment | With |
|------------------|------|

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|------------------|-------|
| Housing Material | Nylon |
|------------------|-------|

| | |
|--------------------|---------------|
| Centerline (Pitch) | 6 mm[.236 in] |
|--------------------|---------------|

Dimensions

| | |
|------------------|------------------|
| Connector Height | 38.6 mm[1.52 in] |
|------------------|------------------|

| | |
|---------------|------------------|
| Product Width | 16.3 mm[.641 in] |
|---------------|------------------|

| | |
|----------------|------------------|
| Product Length | 19.8 mm[.779 in] |
|----------------|------------------|

| | |
|--------------------|-----------------|
| Row-to-Row Spacing | 6.3 mm[.248 in] |
|--------------------|-----------------|

Usage Conditions

| | |
|-----------------------------|----------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
|-----------------------------|----------------|

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

| | |
|----------------------|------|
| Degree of Protection | IP67 |
|----------------------|------|

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

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 550 |
|--------------------|-----|



| Packaging Method | Package |
|--------------------------------------|---------|
| 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 282080-1
AMP SUPERSEAL 1.5 SERIES 2P PL



TE Part # 281934-2
SINGLE WIRE SEAL



TE Part # 776540-1
776310-1 SECONDARY LOCK WITH 120 OHM 1/2



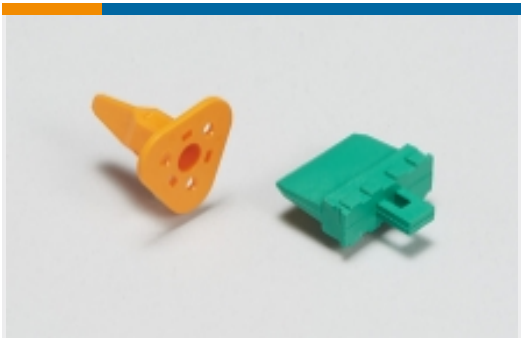
TE Part # 173631-7
070 MLC REC CONT 20-16 GOLD



Also in the Series | AMPSEAL 16



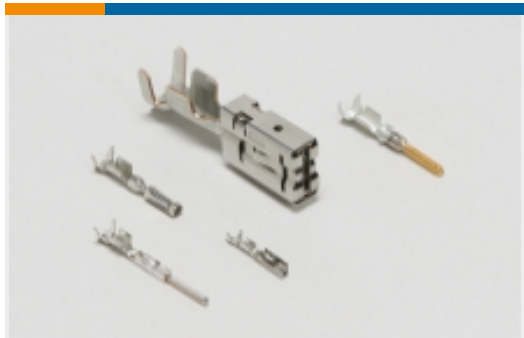
Automotive Connector Caps & Covers (3)



Automotive Connector Locks & Position Assurance(2)



Automotive Housings(244)



Automotive Terminals(35)



Connector Backshells(84)



Connector Seals & Cavity Plugs(4)



Data Connectivity Headers(2)



Data Connectivity Housings(3)



Other Automotive Connector Accessories(11)

Customers Also Bought



TE Part #AEC16-40SA
PLG, 40P, BLK, N, A



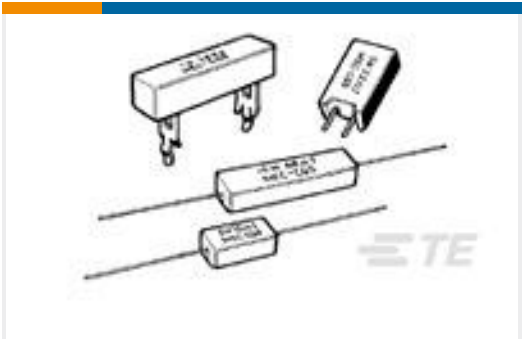
TE Part #HDP26-24-31ST-L017
DEUTSCH HDP20 Housings



TE Part #3-1879457-3
TE 2500W 470R 5% Bracket



TE Part #1879363-2
THS75 2R2 5%



TE Part #1-1623783-0
SQM7 39K 5% (METAL FILM)



TE Part #6-1879352-8
RR02 5% 200R AMMO



TE Part #HD16-9-1939S-P080
PLG, 9P, GRN, N, J1939, TYPE 2



TE Part #2287978-1
2POS,MCON 2.8,REC HSG,SHTD HVIL1.2,ASSY



Documents

Product Drawings

CAP HOUSING 2 POSITION

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_776309-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_776309-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_776309-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

ICT Terminals and Connectors Catalogue

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English