



Connectors > Automotive Connectors > Automotive Housings > DT-XT 6-way Receptacle Connectors



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

Number of Positions: **6**

Connector & Housing Type: **Receptacle**

Centerline (Pitch): **4.5 mm [.177 in]**

Sealable: **Yes**

[All DT-XT 6-way Receptacle Connectors \(2\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 6 |
| Number of Rows | 2 |

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|---------------------|------------------|
| Contact Size | Size 16 |
| Mating Pin Diameter | 1.56 mm[.061 in] |

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Mating Alignment Type | Polarized |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|-----------------|
| Centerline (Pitch) | 4.5 mm[.177 in] |
|--------------------|-----------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |

Other

| | |
|--------------------------------------|----|
| 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 reviewed 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>

Also in the Series | DEUTSCH DT-XT



Automotive Housings(57)



Connector Seals & Cavity Plugs(1)

Customers Also Bought



TE Part #788189-2
CPC 17-3 RCPT ASY,REV SEX



TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #2177090-3
STEEL, OUTER FERRULE, 8MM HV,
25SQMM



TE Part #1-1633961-2
CRIMPER, INSULATION F PREMIUM



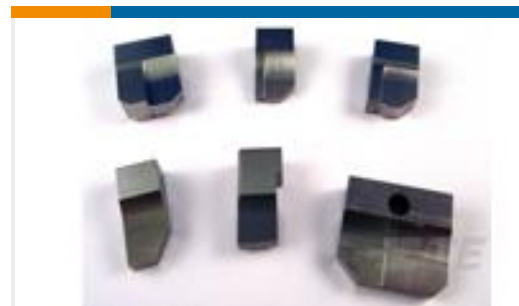
TE Part #1587940-3
CABLE SEAL RETAINER, SIZE C



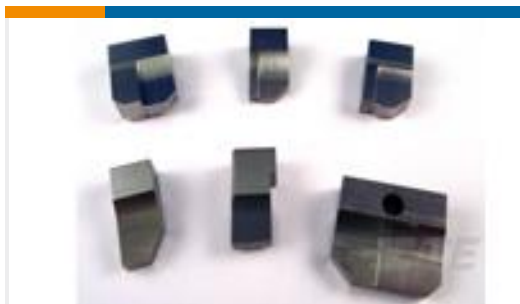
TE Part #2103013-3
CABLE SEAL RETAINER, SIZE 2, OR,
HVA280



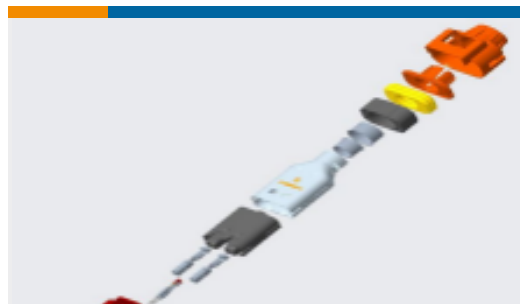
TE Part #2208669-3
8MM HV, CONTACT, ASSY



TE Part #4-1633932-0
ANVIL, COMBINATION



TE Part #464291-5
ANVIL, SAND-BLASTED 12-10



TE Part #YHV280-2PM-P-4MM-B
HVA280-2pnm, pass, 4sqmm, Key B

Documents

Product Drawings

6CCT BLACK RECEP W/LARGE SEAL & HS

English



CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-2600034-8_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2600034-8_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2600034-8_1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English