# 845100005 × OBSOLETE

DEUTSCH

TE Internal #: 2600011-1

TE Internal Description: SHELL 24-31 CKT PLUG W/SOCKET W/LIP XRC

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Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: **12 V**

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

Number of Positions: **31**

Sealable: **Yes**

Number of Rows: **7**

## Features

### Product Type Features

| | |
|---|---|
| Connector Shape | Circular |
| Connector & Housing Type | Housing for Male Terminals |
| Sealable | Yes |
| Primary Locking Feature | Integrated in Housing |
| Connector System | Wire-to-Wire |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 31 |
| Number of Rows | 7 |

### Electrical Characteristics

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

### Body Features

| | |
|---|---|
| Cable Exit Angle | 180 ° |
| Primary Product Color | Black |

### Contact Features

| | |
|---|---|
| Contact Current Rating (Max) | 10 A |

### Mechanical Attachment

| | |
|---|---|
| Terminal Position Assurance | Yes |
| Mating Alignment Type | Guide Slot |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

### Housing Features

| | |
|---|---|
| Housing Material | PBT |

### Operation/Application

| | |
|---|---|
| Circuit Application | Power & Signal |

### Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | SAE J2030 |
| UL Flammability Rating | UL 94V-0 |

### Packaging Features

| | |
|---|---|
| Packaging Method | Box |

### Other

| | |
|---|---|
| Serviceable | Yes |
| Connector Position Assurance Capable | Yes |

## 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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JAN 2023 (233)<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 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

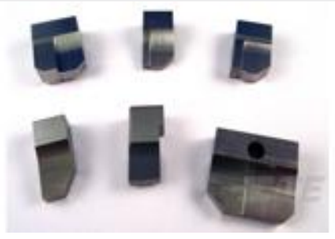
## Customers Also Bought



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



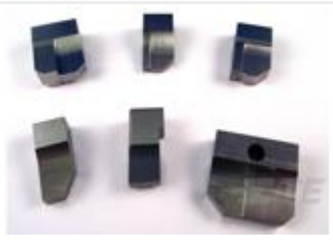
TE Part #2-330648-1
PIDG 22-16 22-18 MIL R 4; TAPE



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



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



TE Part #4-1633932-0
ANVIL, COMBINATION



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



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

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2600011-1_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2600011-1_1.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2600011-1_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Product Specifications

### APPLICATION SPECIFICATION

English

### PRODUCT SPECIFICATION FOR XRC (EXTRA RUGGED CIRCULAR) SEALED PLUGS AND RECEPTACLES

English

## Agency Approvals

### UL Report

English