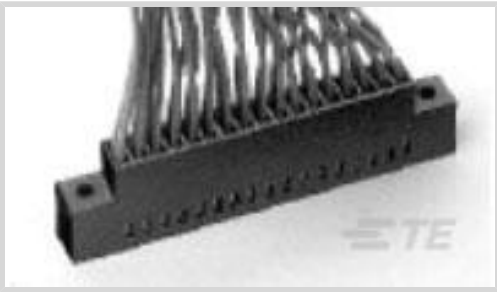




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **40**

Centerline (Pitch): **2.54 mm [.1 in ]**

Features

Product Type Features

|                                   |               |
|-----------------------------------|---------------|
| Connector Product Type            | Housing       |
| Connector & Housing Type          | Receptacle    |
| Connector System                  | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable  |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 40 |
| Number of Rows      | 2  |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Contact Features

|                              |                  |
|------------------------------|------------------|
| Contact Type                 | Socket           |
| Contact Base Material        | Beryllium Copper |
| Contact Current Rating (Max) | 3 A              |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

|                  |         |
|------------------|---------|
| Strain Relief    | Without |
| Mating Retention | Without |



Housing Features

|                             |                  |
|-----------------------------|------------------|
| Housing Entry Configuration | Both Ends Closed |
| Housing Material            | Nylon - GF       |
| Centerline (Pitch)          | 2.54 mm[.1 in]   |
| Housing Color               | Black            |

Dimensions

|                    |                 |
|--------------------|-----------------|
| Connector Length   | 63.5 mm[2.5 in] |
| Connector Height   | 6.1 mm[.24 in]  |
| Row-to-Row Spacing | 2.54 mm[.1 in]  |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Industry Standards

|                        |                               |
|------------------------|-------------------------------|
| Glow Wire Rating       | Standard Part - Not Glow Wire |
| UL Flammability Rating | UL 94V-0                      |

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 1       |
| Packaging Method   | Package |

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: JAN 2021 (211)<br>Candidate List Declared Against: JUL 2019 (201)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Low Halogen - contains Br or Cl > 900 ppm.                                                                                          |
| 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

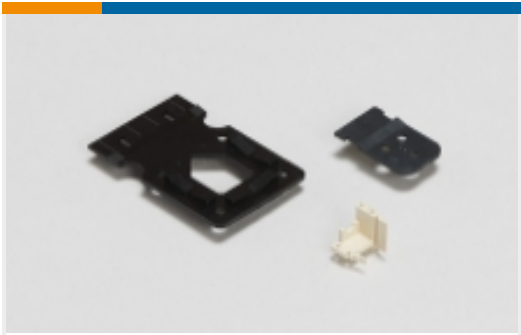
TE Part # 86264-8  
44 MODIV HSG COMP DR .100 EARS

Also in the Series | AMPMODU IV/V

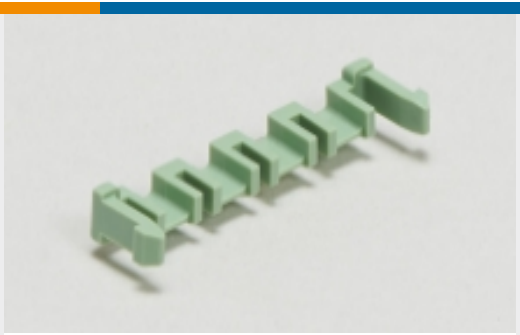
|                                           |                                 |                                 |                                      |
|-------------------------------------------|---------------------------------|---------------------------------|--------------------------------------|
|                                           |                                 |                                 |                                      |
| Automotive Headers(2)                     | Automotive Housings(4)          | Backplane Connector Housings(1) | Board-to-Board Connector Contacts(6) |
|                                           |                                 |                                 |                                      |
| Board-to-Board Headers & Receptacles(937) | Insertion & Extraction Tools(4) | PCB Connector Covers(18)        | PCB Connector Keying(6)              |



PCB Connector Mounting(1)



PCB Connector Strain Relief(3)



PCB Latches, Locks & Retainers(9)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)

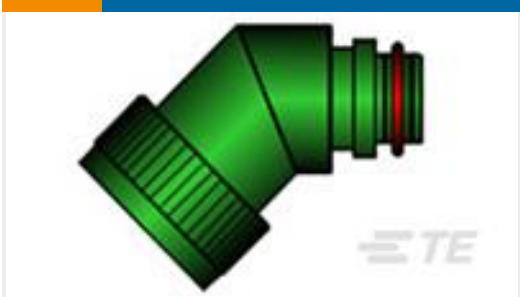


Wire-to-Board Connector Assemblies & Housings(472)

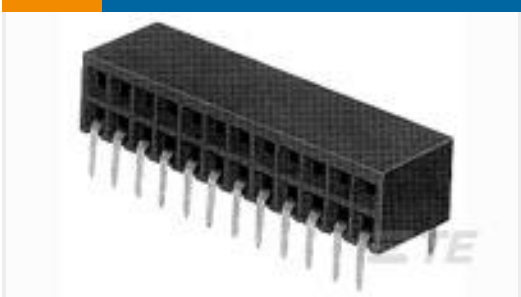


Wire-to-Board Connector Contacts (328)

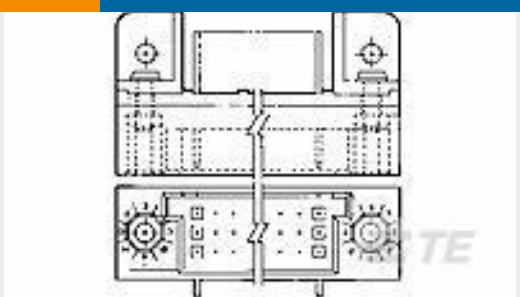
Customers Also Bought



TE Part #403823-000  
TXR40AC45-0804AI



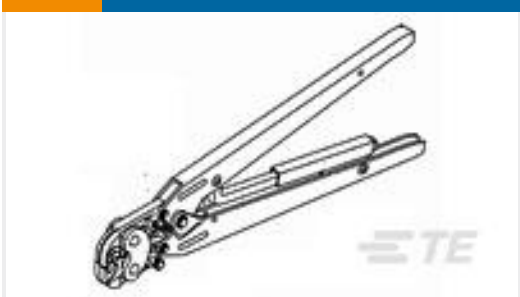
TE Part #1-87962-5  
32 MODII HORZ DR CE 100CL/115



TE Part #533288-2  
HDI PIN ASSY 3 ROW 90 POS R/A



TE Part #2217755-1  
CERTI-CRIMP II HAND TOOL



TE Part #49885-1  
DAHT DIAMOND GRIP 22-16 ASSY



TE Part #480285-000  
9532A1314-0



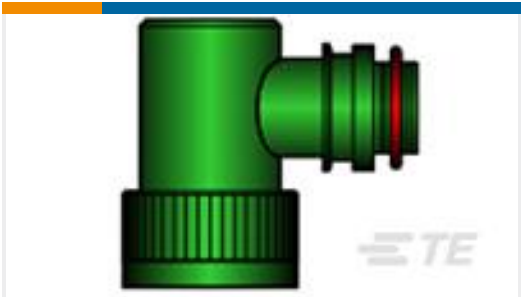
TE Part #ZPF000000000008455  
983-6RS 18-02 S6 L-A1325



TE Part #668285-000  
D-110-00CS681



TE Part #653820-000  
TMS-SCE-1K-1/2-2.0-6



TE Part #405943-000  
TXR54AC90-1004BI

Documents



Product Drawings

40 MODIV HSG COMP DR .100 EARS

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-86264-0\_U.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-86264-0\_U.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-86264-0\_U.3d\_stp.zip

English

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

Product Specifications

Product Specification

English