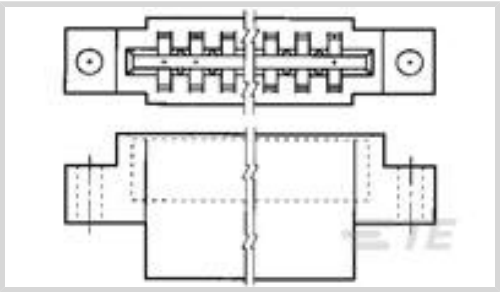




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **8**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Dimensions

|  |          |
|--|----------|
|  | 2.097 in |
|--|----------|

Product Type Features

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

Configuration Features

|                          |   |
|--------------------------|---|
| Number of Positions      | 8 |
| Number of Rows           | 2 |
| Number of Dual Positions | 8 |

Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 3.96 mm[.156 in] |
| Housing Material   | Polyester GF     |

Termination Features

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

Body Features

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



Mechanical Attachment

|                          |               |
|--------------------------|---------------|
| Mating Retention         | Without       |
| Connector Mounting Type  | Board Mount   |
| Panel Mount Feature Type | Mounting Ears |
| Strain Relief            | Without       |

Contact Features

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 5 A |
|------------------------------|-----|

Operation/Application

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

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

Industry Standards

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

Packaging Features

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

Product Compliance

For compliance documentation, visit the product page on TE.com>

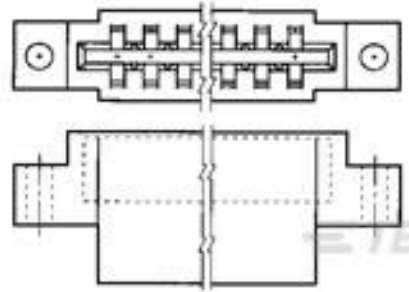
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>Does not contain REACH SVHC |
| 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

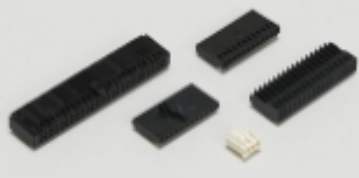


TE Part # 2-583859-3  
HOUSING

Also in the Series | AMP CST-100



Connector Contacts(5)



Wire-to-Board Connector Assemblies & Housings(7)

Customers Also Bought



TE Part #2102060-2  
Mezalok, Pin, 114 p, 50 Au, LF



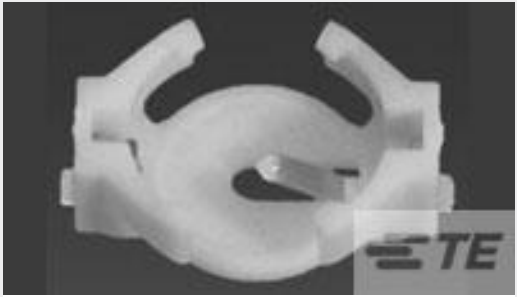
TE Part #2309411-1  
DDR4 SODIMM 260P 8.0H STD



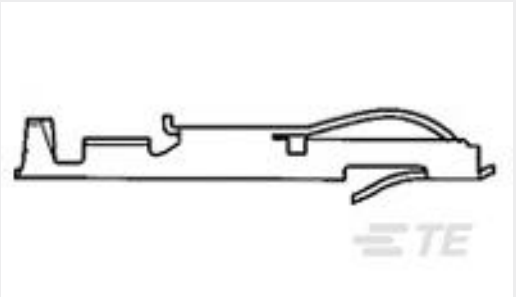
TE Part #2-382811-1  
SHUNT, ECON, PHBRSN, BLACK



TE Part #2-34111-3  
SOLIS R 22-16 COMM 22-18 MIL 8



TE Part #1376164-1  
BATTERY HOLDER ML621 ASSY



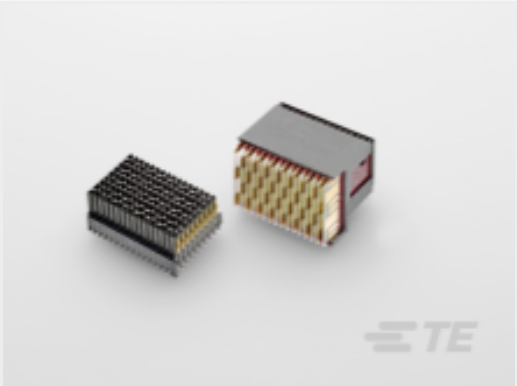
TE Part #583853-8  
TWIN LEAF TERMINAL STRIP



TE Part #1734328-1  
Mini USB AB R/A,Rcpt,SMT,TRAY



TE Part #5747840-4  
HD-20 PLUG RA .318 FMS BD-LK 4



TE Part #2302785-1  
RA PLUG ASSY,7ROW,CENTER,VPX, MG RT3

Documents

Product Drawings

HOUSING CSTL 156 C/L 8 POS

English

Product Specifications

Product Specification

English

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English