



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Jumpers & Shunts



Shunt Type: **Dual Beam**

Shunt Style: **Open Top**

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

Number of Positions: **2**

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

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Connector System                  | Board-to-Board        |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

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

Electrical Characteristics

|                        |          |
|------------------------|----------|
| Termination Resistance | 20 mΩ    |
| Insulation Resistance  | 10000 MΩ |

Body Features

|        |         |
|--------|---------|
| Handle | Without |
|--------|---------|

Contact Features

|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material Thickness | .762 μm[30 μin] |
| Contact Mating Area Plating Material           | Gold            |
| Contact Base Material                          | Phosphor Bronze |
| Shunt Type                                     | Dual Beam       |
| Shunt Style                                    | Open Top        |
| Contact Current Rating (Max)                   | 3.5 A           |

Housing Features



|                    |                |
|--------------------|----------------|
| Housing Material   | Polyester - GF |
| Housing Color      | Black          |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                |                  |
|----------------|------------------|
| Product Height | 6.27 mm[.247 in] |
|----------------|------------------|

Usage Conditions

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

Operation/Application

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

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                          |                              |
|--------------------------|------------------------------|
| Jumper & Shunt Packaging | Breakaway Strip of 10 Pieces |
| Packaging Quantity       | 1500                         |
| Packaging Method         | Box                          |

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: JAN 2021 (211)<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 # 5-146285-2  
02 MODII HDR SRST B/A .100CL



TE Part # 5-146277-2  
02 MODII HDR SRST B/A .100CL

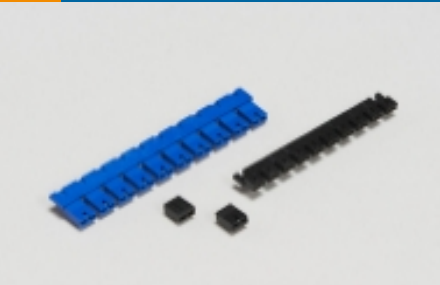


TE Part # 5-146281-2  
02 MODII HDR SRST B/A LF

Also in the Series | AMP MR



Board-to-Board Connector Housings(2)



Board-to-Board Jumpers & Shunts(4)



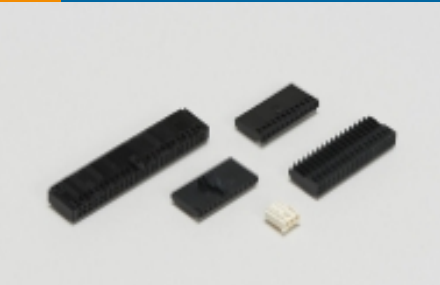
Insertion & Extraction Tools(1)



Power Cable Assemblies(1)



Rectangular Power Connectors(12)



Wire-to-Board Connector Assemblies & Housings(4)

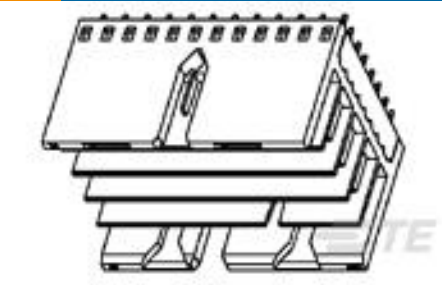
Customers Also Bought



TE Part #1-5747150-4  
D-Sub Receptacle Assembly: Vertical, Shell Size 1, 2.74mm



TE Part #2-292174-4  
CT Box Header SMT: Vert, Shrouded



TE Part #2042088-1  
Vert.Male, Telcordia L2



TE Part #1-928776-5  
MOD2 STIFT M A-PIN



TE Part #2057159-1  
SFP+ 1x1 Cage Assy, Press-Fit, 20 Pin

TE Part #102320-1  
Universal Headers: Ejector Latch

TE Part #T1932062000-009  
H6BPR-AGC-EMC-C

TE Part #1857211-3  
4-40 UNC Screw Retainer Kit Am

TE Part #1005333-6  
BL CLS 2, 6'SENSOR/350'

Documents

Product Drawings

BLACK HSG WITH 30AU CONTACT

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_390088-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_390088-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_390088-1\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION\_6\_7AND8

English

Product Specifications

Application Specification

English

Low Profile, Economy, Dual Beam,and Multiposition Shunt Connectors

English



Product Environmental Compliance

[MD\\_390088-1\\_0425201859\\_dmtec](#)

English

[MD\\_390088-1\\_0425201859\\_dmtec](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

[Low Profile, Economy, and Dual Beam Shunt Connectors 382811, 390088, and 382823](#)

English

Agency Approvals

[Agency Approval Document](#)

English