

2-382811-0 ✓ ACTIVE

AMP

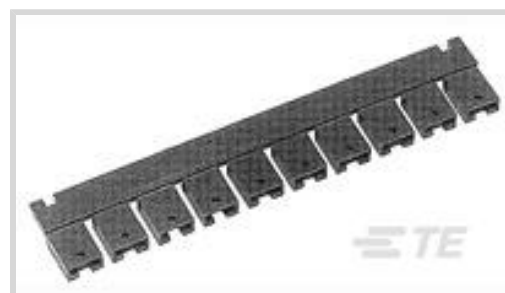
TE Internal #: 2-382811-0

Board-to-Board Jumpers & Shunts, Economy, Open Top, Board-to-Board, 2 Position, .1 in [2.54 mm] Centerline, Printed Circuit Board, Signal

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



Shunt Type: **Economy**

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
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### Electrical Characteristics

Insulation Resistance	1000 MΩ
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### Body Features

Handle	Without
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### 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	Economy
Shunt Style	Open Top
Contact Current Rating (Max)	3 A

### Housing Features

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

Product Height	6.35 mm[.25 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Industry Standards

CSA Certified	Yes
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UL Rating	Recognized
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Jumper & Shunt Packaging	Breakaway Strip of 10 Pieces
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Packaging Quantity	1500
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Packaging Method	Box
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not applicable for solder process capability
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#### 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

## Documents

### Product Drawings

#### ECONOMY SHUNT, 30 AU BLACK

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-382811-0\\_P.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-382811-0\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2-382811-0\\_P.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

#### Product Specification

English

### Product Environmental Compliance



[MD\\_2-382811-0\\_012620161645\\_dmtec](#)

English

[MD\\_2-382811-0\\_012620161645\\_dmtec](#)

English

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**Instruction Sheets**

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

English

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

English