



AMP | AMP M Series

TE Internal #: 530153-2

Board-to-Board Jumpers & Shunts, Tandem Spring, Open Top, 2 Position, .1 in [2.54 mm] Centerline, Signal, -85 – 221 °F [-65 – 105 °C], AMP M Series

[View on TE.com >](#)

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



Shunt Type: Tandem Spring

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 |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

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

Electrical Characteristics

| | |
|------------------------|---------|
| Termination Resistance | 20 mΩ |
| Insulation Resistance | 1000 MΩ |

Body Features

| | |
|-----------------------|---------|
| Handle | Without |
| Primary Product Color | Black |

Contact Features

| | |
|--------------------------------------|--------|
| | 30 μin |
| Contact Mating Area Plating Material | Gold |



| | |
|------------------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
| Shunt Type | Tandem Spring |
| Shunt Style | Open Top |
| Contact Current Rating (Max) | 3 A |

Housing Features

| | |
|--------------------|------------------|
| Housing Material | Nylon, Polyester |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

| | |
|----------------|-----------------|
| Product Height | 9.14 mm[.36 in] |
|----------------|-----------------|

Usage Conditions

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

Operation/Application

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

Industry Standards

| | |
|------------------------|------------------------------|
| Approved Standards | CSA Certified, UL Recognized |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

| | |
|--------------------------|-------------|
| Jumper & Shunt Packaging | Loose Piece |
| Packaging Quantity | 5000 |
| Packaging Method | Loose Piece |

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 |

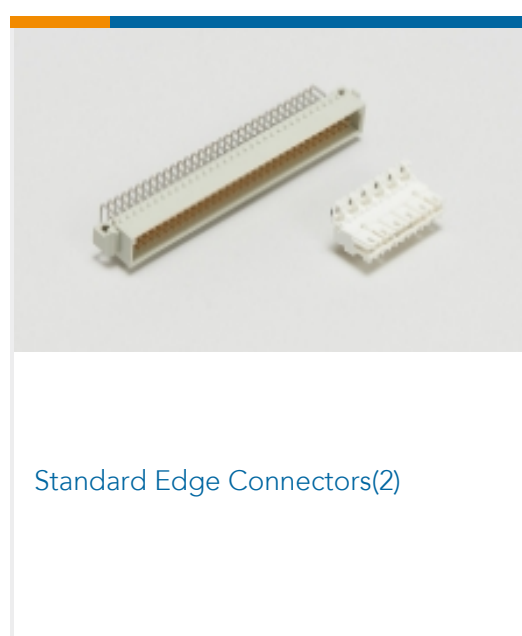
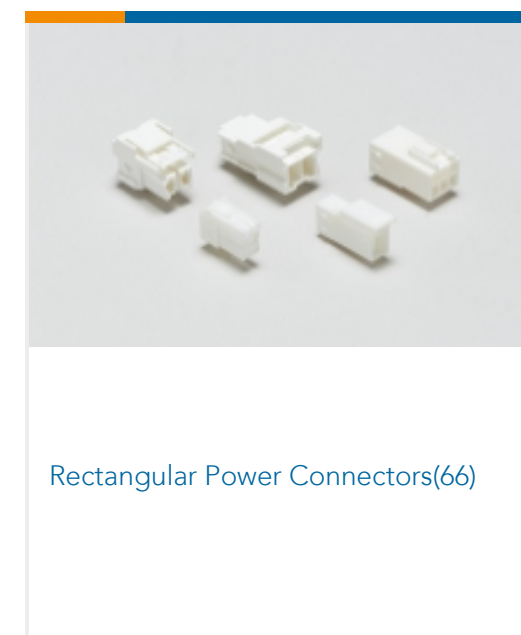
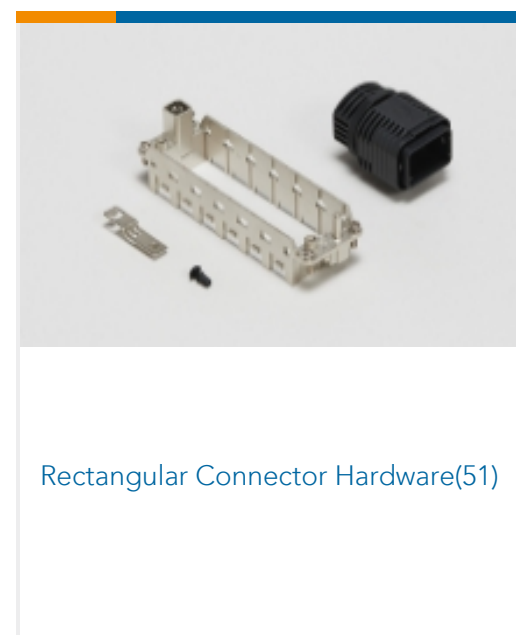
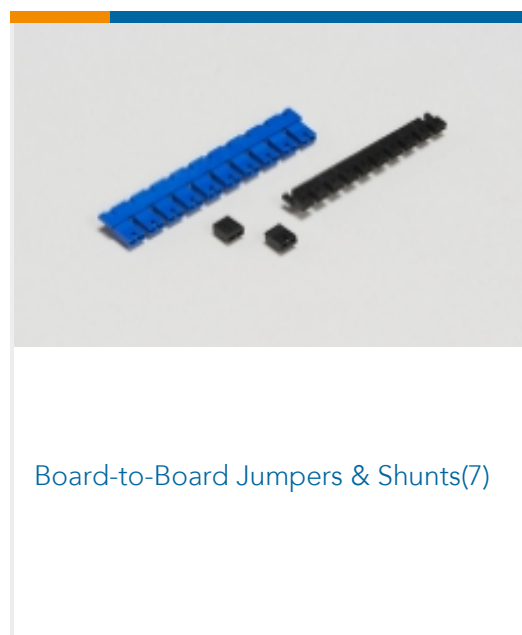
Product Compliance Disclaimer

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>

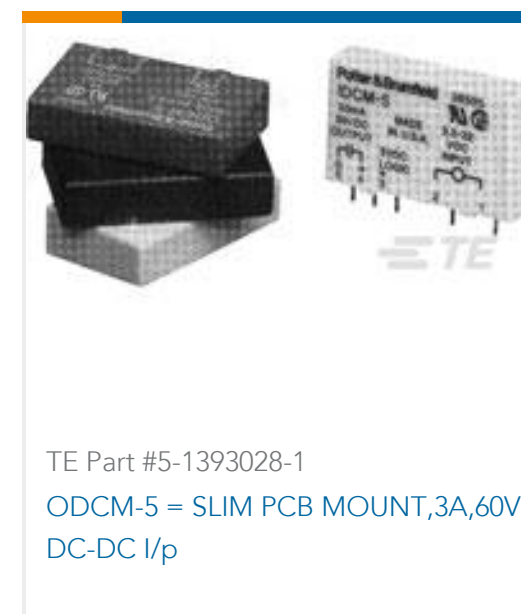
Compatible Parts



Also in the Series | AMP M Series



Customers Also Bought



Documents

Product Drawings

TDM SPRING SHUNT ASSY 2 POS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_530153-2_AB.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_530153-2_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_530153-2_AB.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

Tandem Spring Shunt Connectors

English



Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Tandem Spring Shunt Connector 530153

English

Agency Approvals

Agency Approval Document

English