



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
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
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Electrical Characteristics

Termination Resistance	20 mΩ
Insulation Resistance	1000 MΩ

Body Features

Handle	Without
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Contact Features

Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material	Tin
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
Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Height	9.14 mm[.36 in]
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

CSA Certified	Yes
UL Rating	Recognized
UL Flammability Rating	UL 94V-0

Packaging Features

Jumper & Shunt Packaging	Loose Piece
Packaging Quantity	5000
Packaging Method	Bag

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 5-146274-2
02 MODII HDR SRST B/A .100CL



TE Part # 5-146282-2
02 MODII HDR SRST B/A .100CL



TE Part # 5-146278-2
02 MODII HDR SRST B/A .100CL

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(7)



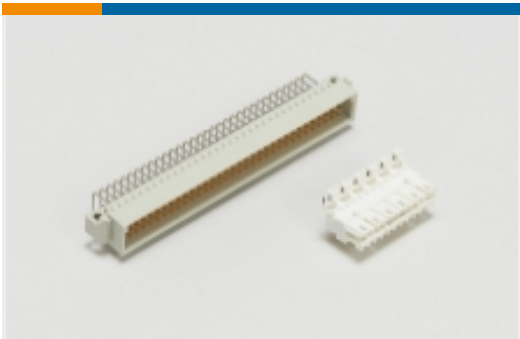
Rack & Panel Connectors(1)



Rectangular Connector Hardware(52)



Rectangular Power Connectors(69)



Standard Edge Connectors(2)

Customers Also Bought



TE Part #1-5747871-4
D-Sub Plug Assembly: Standard, Vertical, Shell Size 1, 2.74mm

TE Part #120521-1
Free Height Receptacle Conn: Board-Board, Vertical, 64, 1mm

TE Part #103308-1
010 LOPRO HDR SP 15DP

TE Part #103309-1
010 LOPRO HDR SP 30DP

TE Part #1-770972-1
12P MINI UMN L R/A HDR ASSY LF

TE Part #1-770873-1
03P MINI UMN L HDR ASSY AU LF

TE Part #104313-5
026 LOPRO HDR SP 30DP LATCH

TE Part #103783-3
06 MOD II HDR DRST B/A .100CL

TE Part #1-1437539-4
DIP Socket: Standard, Stamped & Formed, Open, Gold

TE Part #NB16702001
RW-175-3/8-X-STK

Documents

Product Drawings

TDM SPRING, SHUNT ASY 2 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-530153-2_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-530153-2_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-530153-2_AB.3d_stp.zip

English

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

Product Specifications



Application Specification

English

Tandem Spring Shunt Connectors

English

Product Environmental Compliance

MD_2-530153-2_0130201607_dmtec

English

MD_2-530153-2_0130201607_dmtec

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Tandem Spring Shunt Connector 530153

English

Agency Approvals

Agency Approval Document

English