



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



Shunt Type: **Tandem Spring**

Shunt Style: **Open Top**

Number of Positions: **2**

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

Contact Current Rating (Max): **3 A**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Connector System	Board-to-Board

Configuration Features

Number of Positions	2
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Electrical Characteristics

Termination Resistance	20 mΩ
Insulation Resistance	1000 MΩ

Body Features

Primary Product Color	Black
Handle	Without

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.762 μm[30 μin]



Shunt Type	Tandem Spring
Shunt Style	Open Top
Contact Current Rating (Max)	3 A

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

Dimensions

Product Height	9.14 mm[.36 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

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Packaging Features

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

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 5-146281-2
02 MODII HDR SRST B/A LF

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

Also in the Series | AMP M Series

Board-to-Board Jumpers & Shunts(3)

Connector Caps & Covers(14)

Connector Contacts(51)

Connector Strain Relief(13)

PCB Headers & Receptacles(9)

Power Contacts(51)

Rack & Panel Connectors(1)

Wire-to-Board Headers & Receptacles (1)

Customers Also Bought



TE Part #T2070164201-002
H16BN-T4-F-HD



TE Part #T2070104201-002
H10BN-T3-F-HD



TE Part #T2070104101-002
H10BN-T3-M-HD



TE Part #42437-2
250 FASTON REC 14-10 AWG TPBR



TE Part #63698-1
RING,M4, DIA 4.39,16-12,TPBR



TE Part #87316-7
MOD I RECP STMPD



TE Part #3-641237-4
04P MTA100 CONN ASSY RED 30AU



TE Part #2134441-2
MICRO USB, TYPE B, MIDMOUNT,
REVERSE



TE Part #3-2176091-1
RP 2A 0.25W 118R 0.1% 25PPM 1K RL



TE Part #2176326-3
CRGP 0603 15R 1%

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.

Product Specifications



Application Specification

English

Tandem Spring Shunt Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Tandem Spring Shunt Connector 530153

English

Agency Approvals

Agency Approval Document

English