

4-530153-1 ✓ ACTIVE

AMP | AMP M Series

TE Internal #: 4-530153-1

Tandem Spring Shunt, Open Top, 2 Position, 2.54 mm [.1 in]

Centerline, Signal, -40 – 85 °C [-40 – 185 °F], 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

Number of Positions: 2

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

Contact Current Rating (Max): 3 A

## Features

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Electrical Characteristics

Termination Resistance	20 mΩ
Insulation Resistance	1000 MΩ

### Industry Standards

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

### Dimensions

Product Height	9.14 mm [.36 in]
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### Body Features

Primary Product Color	Black
Handle	Without

### Packaging Features

Jumper & Shunt Packaging	Loose Piece
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Packaging Method	Box
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Packaging Quantity	5000
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### Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
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Connector System	Board-to-Board
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### Housing Features

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

Contact Mating Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Mating Area Plating Material Thickness	2.54 µm [100 µin]
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Shunt Type	Tandem Spring
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Shunt Style	Open Top
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Contact Current Rating (Max)	3 A
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### Configuration Features

Number of Positions	2
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### Usage Conditions

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

Circuit Application	Signal
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### Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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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 2024 (241)
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Candidate List Declared Against: JUNE 2024 (241)  
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

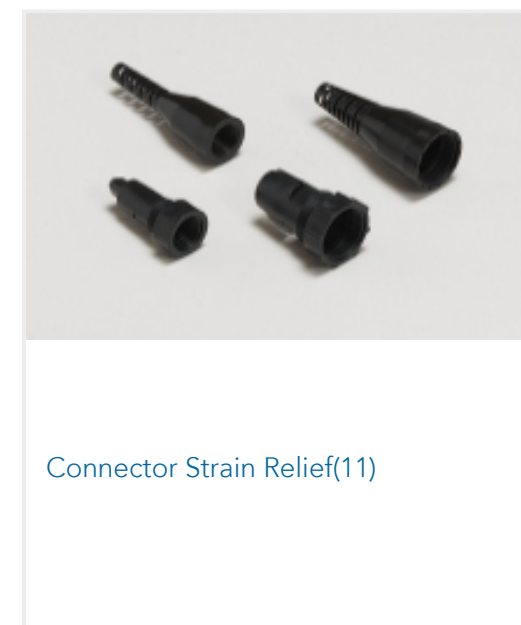
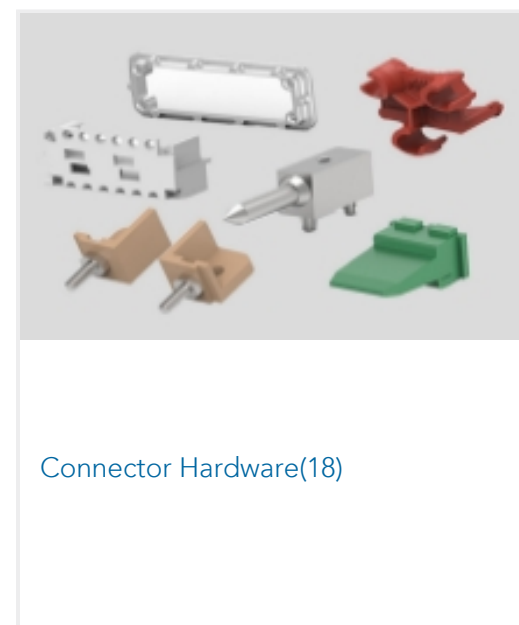
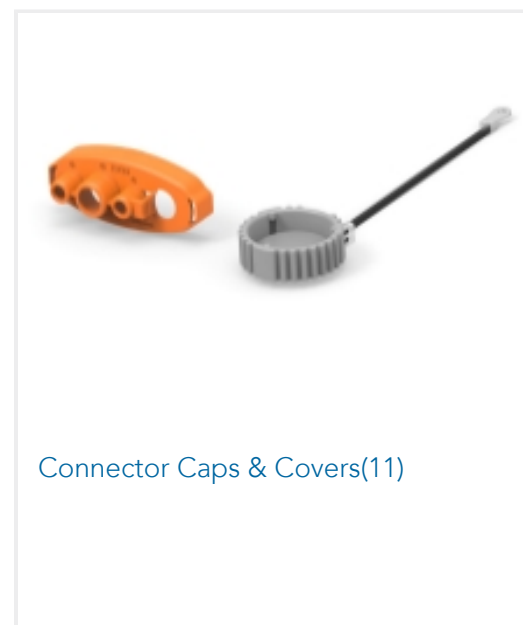
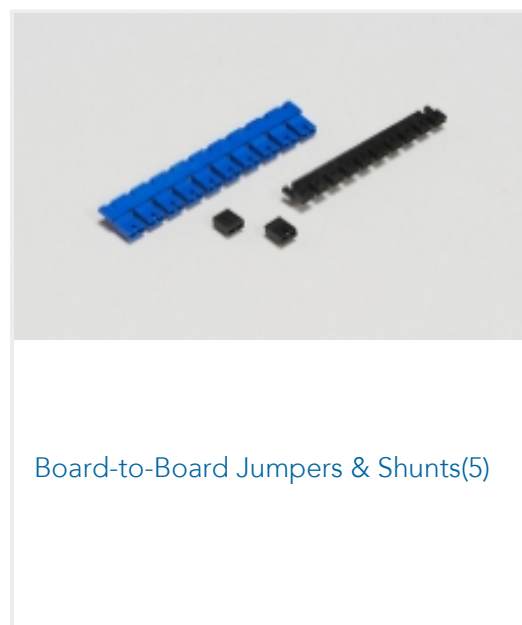
Product Compliance Disclaimer

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





Rack & Panel Connectors(1)



Rectangular Power Connectors(54)

## Customers Also Bought



TE Part #2-746610-2  
014 DIP PLUG 100CL TIN



TE Part #641973-1  
12P UMNL PIN HDR ASSY V2 NATL



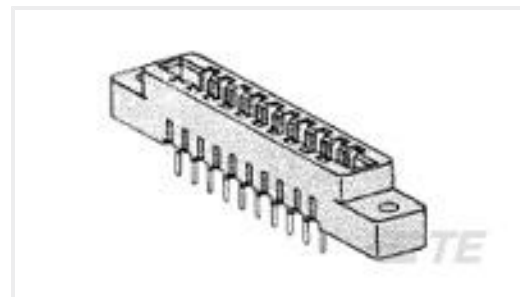
TE Part #641975-1  
15P UMNL PIN HDR ASSY POL NATL



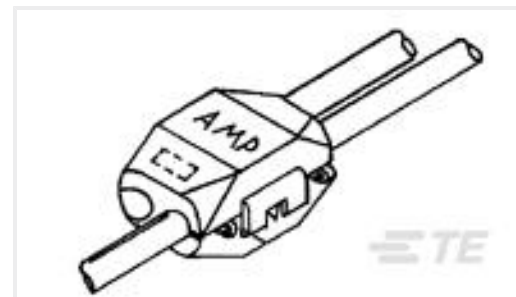
TE Part #53242-2  
PG SPR SPD 22-16COM22-18MIL 10



TE Part #1045672-1  
1062 0000 00



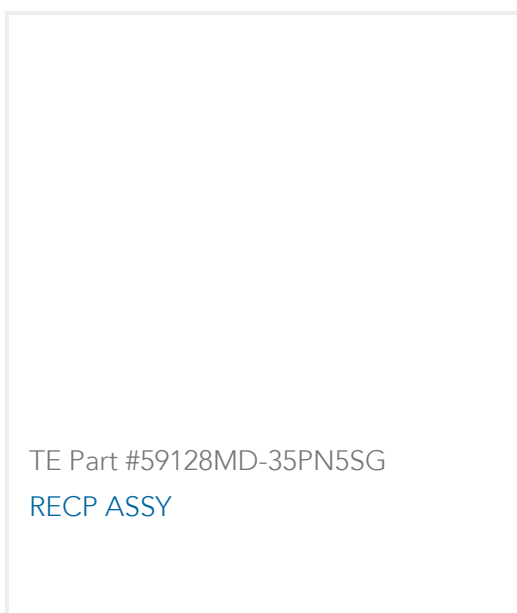
TE Part #7-530654-6  
CONN LOW PRO 22 POS 156SOL-EYE



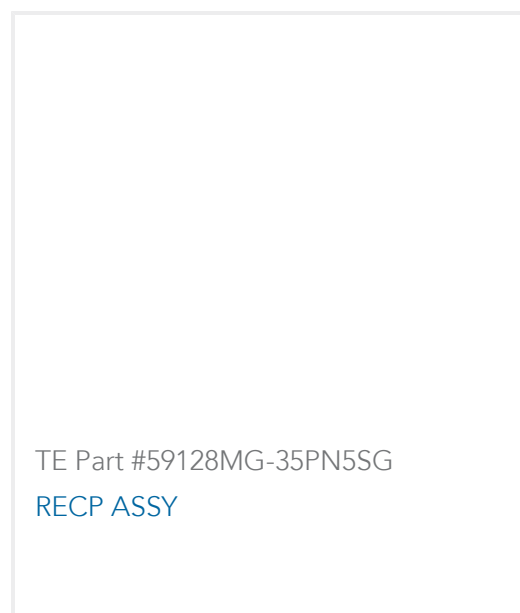
TE Part #53440-2  
ELECTRO-TAP, 20-18 AWG RUN&TAP



TE Part #382811-9  
SHUNT, ECON, PHBR 15AU, RED



TE Part #59128MD-35PN5SG  
RECP ASSY



TE Part #59128MG-35PN5SG  
RECP ASSY

## Documents

### Product Drawings

TDM SPRING, SHUNT ASY 2 POS

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG\_CVM\_CVM\_4-530153-1\_AB.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_4-530153-1\\_AB.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_4-530153-1\\_AB.3d\\_stp.zip](#)

English

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

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**Product Specifications**

[Application Specification](#)

English

[Tandem Spring Shunt Connectors](#)

English

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**Agency Approvals**

[Agency Approval Document](#)

English