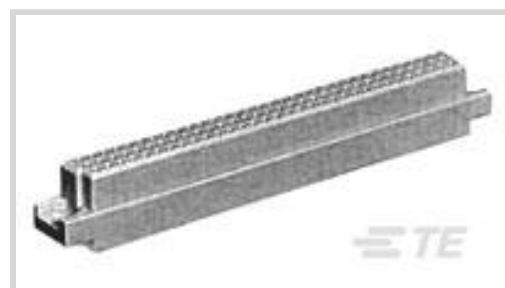




Connectors > PCB Connectors > Backplane Connectors > Backplane Connector Housings



Connector System: **Wire-to-Board**

Number of Positions: **48**

Row-to-Row Spacing: **2.54 mm [ .1 in ]**

Number of Rows: **3**

Number of Columns: **16**

### Features

#### Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	48
Number of Rows	3
Number of Columns	16

#### Body Features

Primary Product Color	Gray
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#### Contact Features

Contact Type	Receptacle
Contact Current Rating (Max)	3 A

#### Mechanical Attachment

Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Panel Mount



### Housing Features

Housing Material	Glass-Filled Polymer
Centerline (Pitch)	2.54 mm[.1 in]

### Dimensions

Connector Length	54.4 mm[2.14 in]
Connector Height	13.5 mm[.531 in]
Row-to-Row Spacing	2.54 mm[.1 in]

### 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
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### Packaging Features

Packaging Method	Bag
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## 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

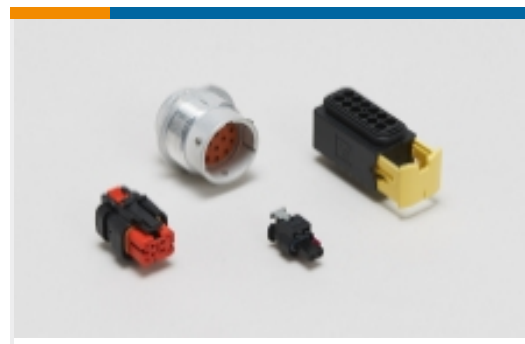
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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>

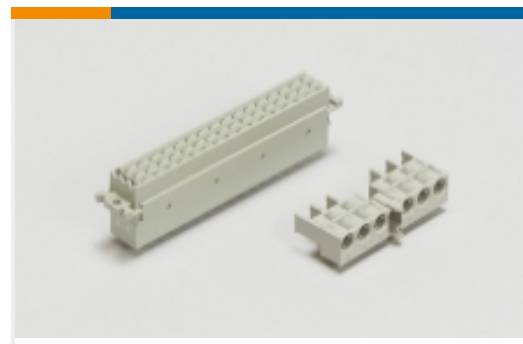
## Compatible Parts



Also in the Series | **AMPMODU IV/V**



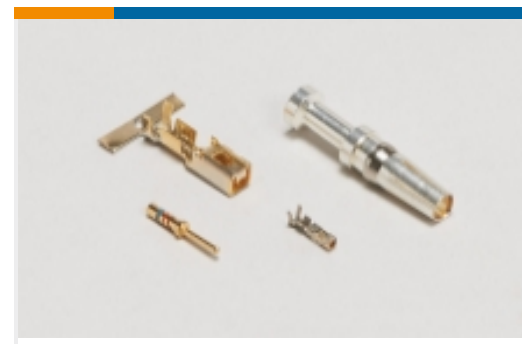
Automotive Housings(1)



Backplane Connector Housings(1)



Connector Caps & Covers(18)



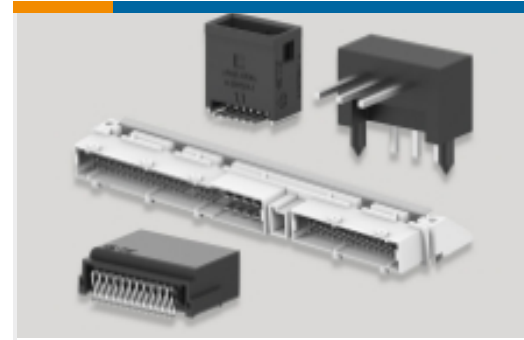
Connector Contacts(321)



Connector Hardware(13)



Insertion & Extraction Tools(4)



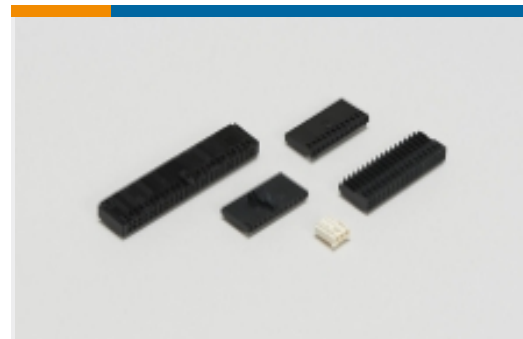
PCB Headers & Receptacles(931)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)

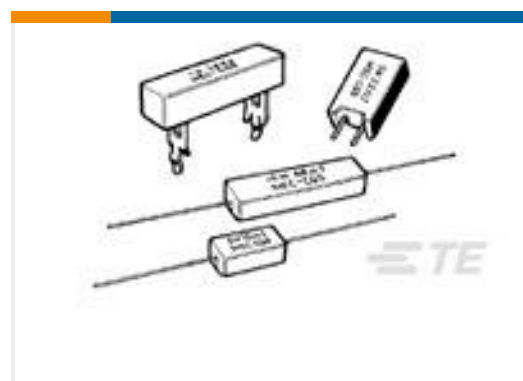


Wire-to-Board Connector Assemblies & Housings(438)

## Customers Also Bought



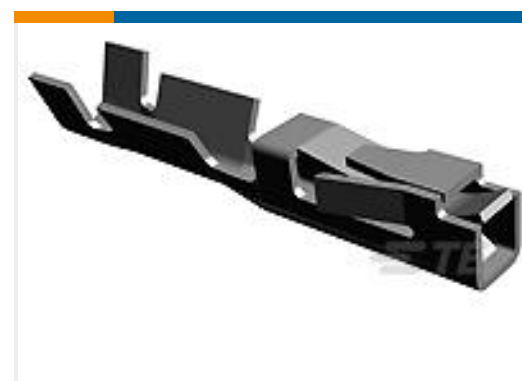
TE Part #2-1623782-0  
Wirewound Resistor: Vertical Mount



TE Part #2-1623808-0  
SOZ7 39R 5% (WIRE)



TE Part #1879270-4  
RP 2A 49R9 0.1% 15PPM CUT LENGTH



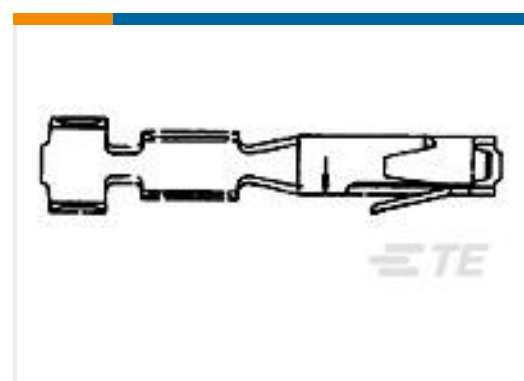
TE Part #166500-2  
TANDEM SPRING REC



TE Part #794211-1  
20P MINI UMNL2 CAP HSG UL94V0



TE Part #6-1393224-3  
RY213048



TE Part #167042-1  
TANDEM-SPRING BU



TE Part #280528-3  
REC CONTACT FOR RAILWAYS

## Documents



### Product Drawings

#### 48P MOD 4 HSG

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_926040-2\\_O.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_926040-2\\_O.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_926040-2\\_O.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

#### Product Specification

English