



**AMP SLIM**

TE Internal #: 1909783-5

6 Position, Receptacle, Housing, Crimp, Wire-to-Board, UL 94V-0, 1.2 mm [.047 in] Centerline, 1 Row, 50 VAC, Wire & Cable, Power & Signal, AMP SLIM

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch**

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

UL Flammability Rating: **UL 94V-0**

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	6
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	50 VDC
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**Body Features**

Primary Product Color	Black
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**Contact Features**

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Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	3 A

#### Termination Features

Termination Method to Wire & Cable	Crimp
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#### Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Housing Features

Housing Entry Configuration	Both Ends Closed
Centerline (Pitch)	1.2 mm [.047 in]
Housing Material	PA 66

#### Dimensions

Connector Width	3.5 mm [.138 in]
Connector Height	1.2 mm [.047 in]
Connector Length	8.26 mm [.325 in]

#### Usage Conditions

Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
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#### Operation/Application

Circuit Application	Power & Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

#### 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	Out of Scope
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	Low Halogen - Br, Cl, F < 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>

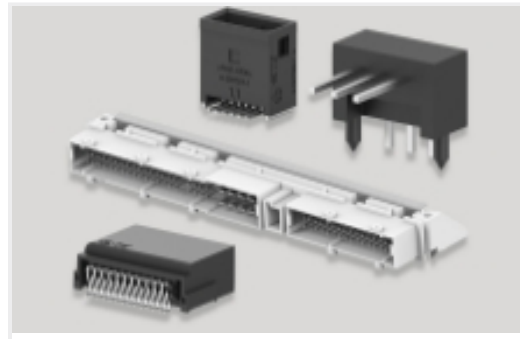
## Compatible Parts



Also in the Series | **AMP SLIM**



Connector Contacts(1)



PCB Headers & Receptacles(5)



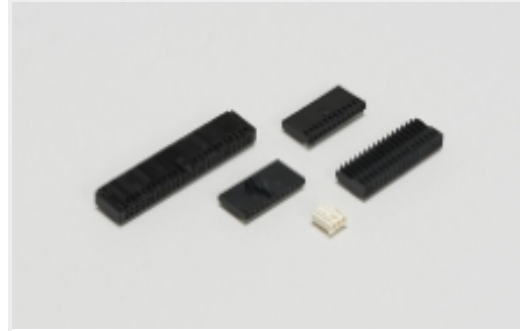
Rectangular Connector Housings(5)



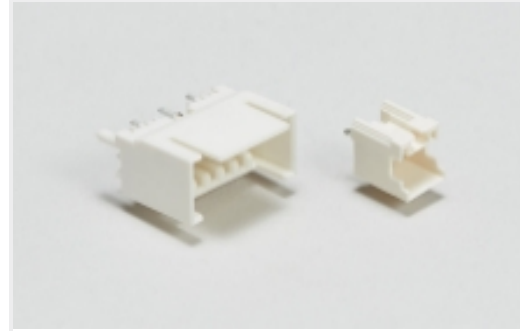
Rectangular Power Connectors(5)



Standard Rectangular Connectors(5)



Wire-to-Board Connector Assemblies & Housings(5)



Wire-to-Board Headers & Receptacles (5)

## Customers Also Bought



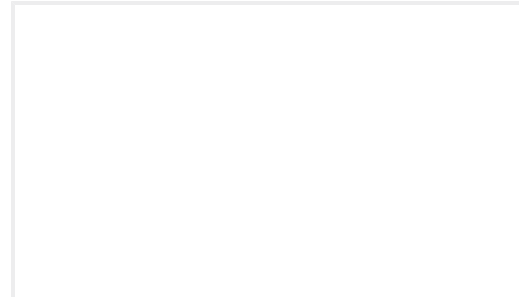
TE Part #1217234-1  
MAG-MATE TERM 28-31 013TPBR



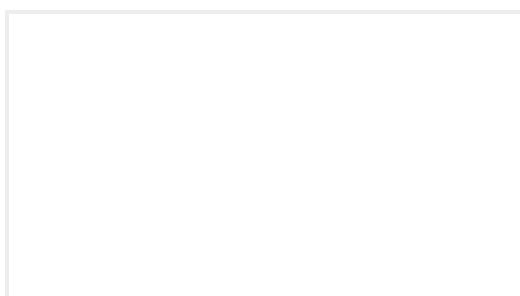
TE Part #1-1625886-6  
1W SM M/OX 5% 3R9



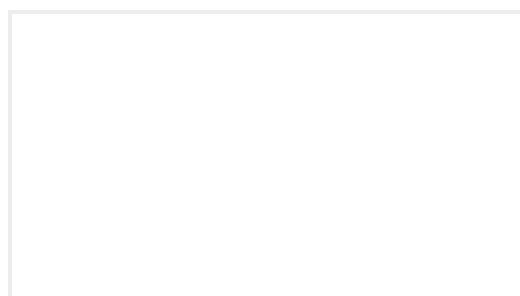
TE Part #1909784-1  
WIRE TO BOARD TERMINAL 1.2MM TOP ENTRY



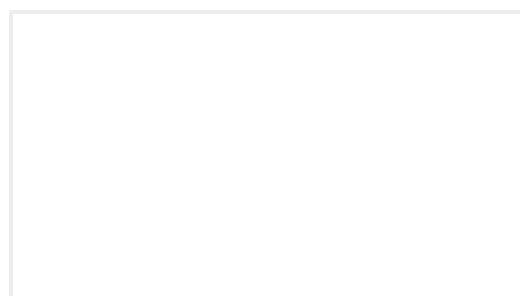
TE Part #5-22278-5  
SPRING,COMPRESSION



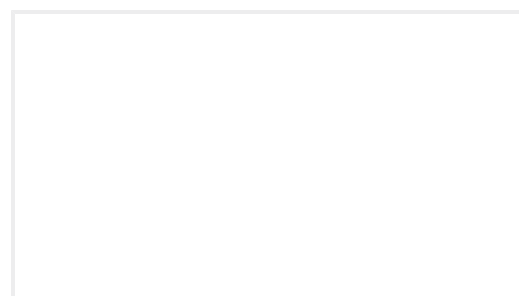
TE Part #3-22287-6  
SPRING,EXTENSION



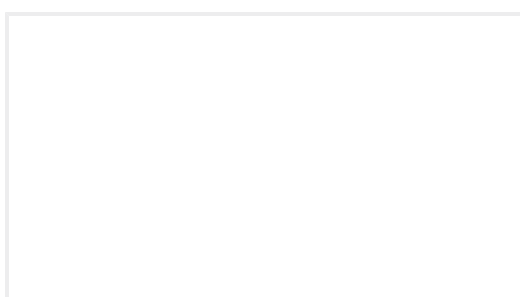
TE Part #354294-1  
TUBE DIVIDER



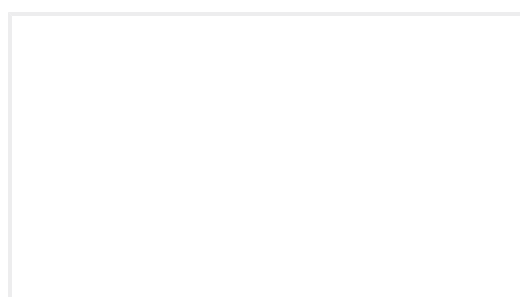
TE Part #679206-1  
8MM PROXIMITY SWITCH ASSEMBLY



TE Part #1-804627-0  
SHEAR BLADE, UPPER



TE Part #809580-1  
BLADE, LOWER SHEAR



TE Part #1338141-1  
INSERTER, POKE-IN

## Documents



## Product Drawings

### WIRE TO BOARD HOUSING 1.2MM TOP ENTRY

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1909783-5\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1909783-5\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1909783-5\\_C.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