

103951-4 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 103951-4

Connector Assembly, Plug, Wire-to-Board, 5 Position, 2.54 mm [.1 in] Centerline, Crimp / Insulation Displacement (IDC), 1 Row, Black, AMPMODU MTE

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **5**

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

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	5
Number of Rows	1

### Electrical Characteristics

Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 V
Operating Voltage	267 V

### Contact Features

Contact Layout	Inline
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Phosphor Bronze



Contact Current Rating (Max)	3 A
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### Termination Features

Termination Method to Wire & Cable	Crimp, Insulation Displacement (IDC)
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### Mechanical Attachment

Strain Relief	With
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Panel Mount Feature	Without
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PCB Mount Retention	Without
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Mating Retention	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Material	Thermoplastic
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Centerline (Pitch)	2.54 mm [.1 in]
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Housing Color	Black
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### Dimensions

Connector Length	5.05 mm [1.99 in]
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Connector Height	.25 mm [.098 in]
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Wire Size	.12 – .4 mm <sup>2</sup>
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Row-to-Row Spacing	2.54 mm [.1 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

Glow Wire Rating	Standard Part - Not Glow Wire
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Approved Standards	CSA LR7189, UL E28476
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UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	4
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Packaging Method	Tube
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### Other

Comment	Maximum insulation diameter is 1.14 [.045] for Pneumatic Terminators., Ribbon Cable
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Notched handles 22-28 AWG

### 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 2022 (223) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (13% in Component Part) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

 <p>TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME</p>	 <p>TE Part # 843477-1 TOOL, EXTRACTION RESET</p>	 <p>TE Part # 58336-1 HEAD (IDC) MODU MTE W/O TL</p>
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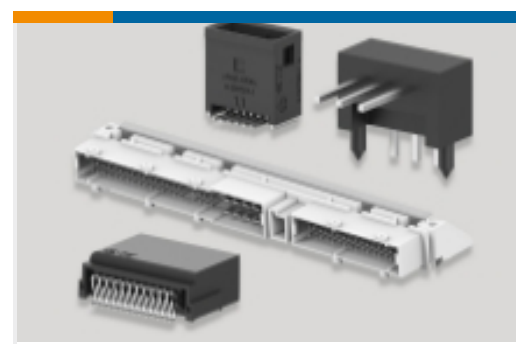
Also in the Series | **AMPMODU MTE**



Insertion &amp; Extraction Tools(2)



PCB Connector Shrouds(40)



PCB Headers &amp; Receptacles(763)



Ribbon Connector Accessories(1)



Standard Rectangular Connectors(2)

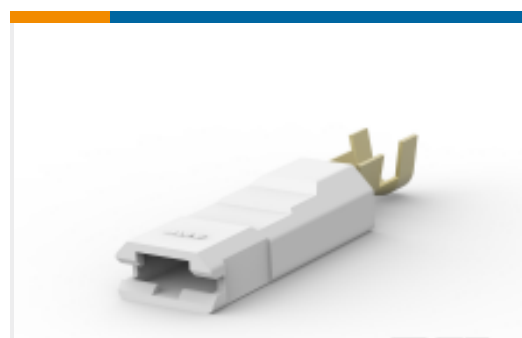


Wire-to-Board Connector Assemblies &amp; Housings(585)



Wire-to-Board Connector Contacts(32)

## Customers Also Bought



TE Part #1969104-1  
ULTRA POD: Straight, Receptacle  
Assembly, Unplated, .250 inch



TE Part #644267-2  
SL156 HSG (YELLOW)



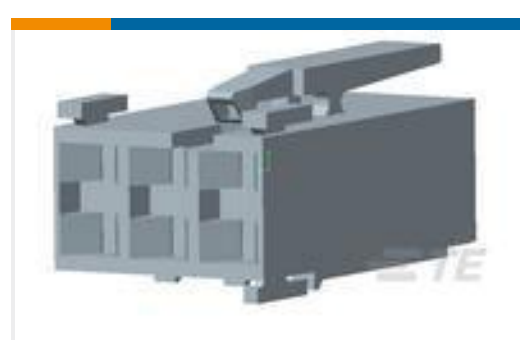
TE Part #1-521253-3  
PL MKIII & FASTON 250 HSG 2P  
NYLON GREEN



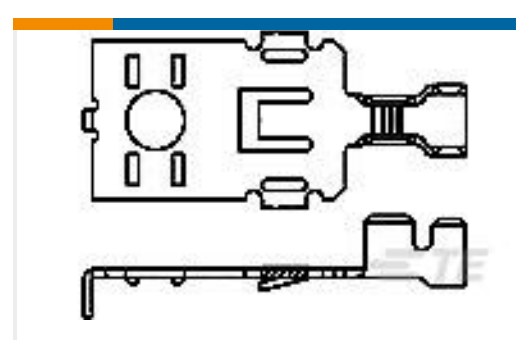
TE Part #1385719-1  
UP.250 STRAIGHT SA110F220F LM



TE Part #1855118-1  
U POD .187 STRAIGHT SAPR090F140F  
LM & G



TE Part #2-1241817-3  
STD TIM HOUSING MKII 3POS



TE Part #63496-1  
POWER RING TERMINAL TAB 16-10  
AWG BR



TE Part #938365P002  
VERSAFIT-1/8-0-0.75IN-ST

## Documents

### Product Drawings

[4X5 MTE PIN SR RIBBED .100CL](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_103951-4\\_J.3d\\_igs.zip](#)

English

Customer View Model



[ENG\\_CVM\\_103951-4\\_J.3d\\_stp.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_103951-4\\_J.2d\\_dxf.zip](#)

English

**3D PDF**

English

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

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### Datasheets & Catalog Pages

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English