

6-103660-2 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 6-103660-2

Connector Assembly, Plug, Wire-to-Board, 13 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: **13**

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	13
Number of Rows	1

### Electrical Characteristics

Termination Resistance	15 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	600 V
Operating Voltage	250 VAC

### Body Features

Primary Product Color	Black
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### Contact Features

Contact Layout	Inline
Contact Type	Pin



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	3 A

#### Termination Features

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

Mating Retention Type	Detent Latching
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

#### Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm [.1 in]

#### Dimensions

Compatible Insulation Diameter Range	1.37 mm [.03 – .054 in]
Wire Size	.12 – .32 mm <sup>2</sup>
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

Glow Wire Rating	Standard Part - Not Glow Wire
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

#### Packaging Features

Packaging Quantity	15
Packaging Method	Box

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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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 Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

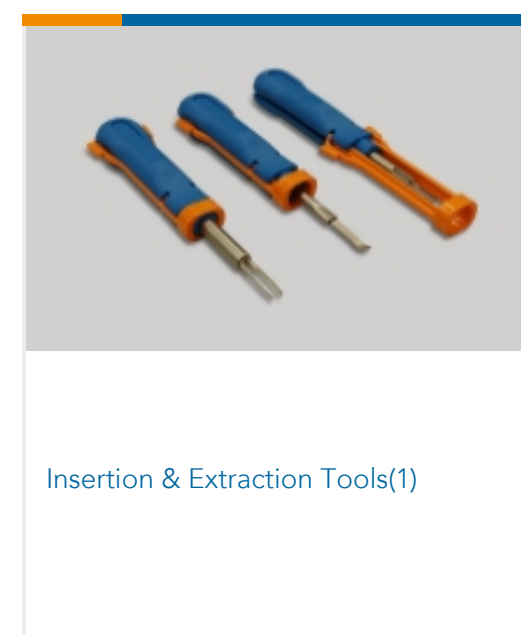
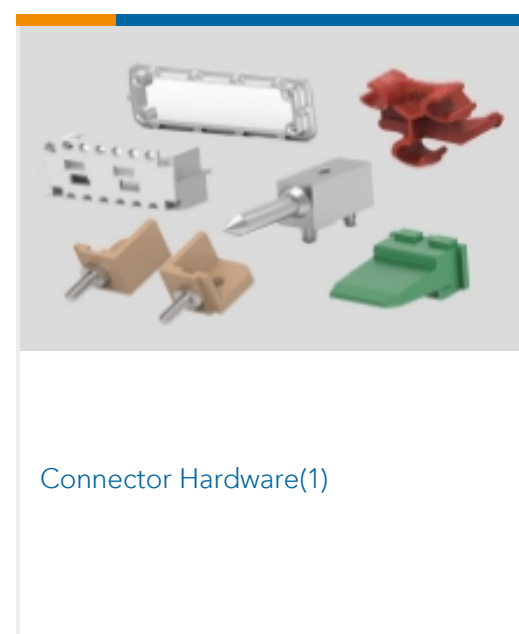
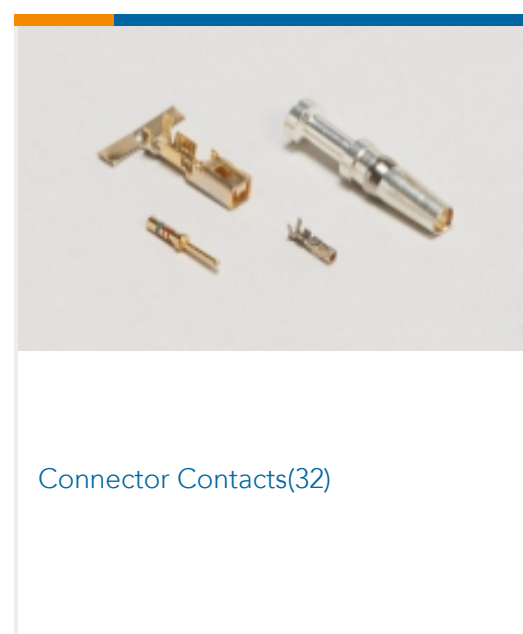
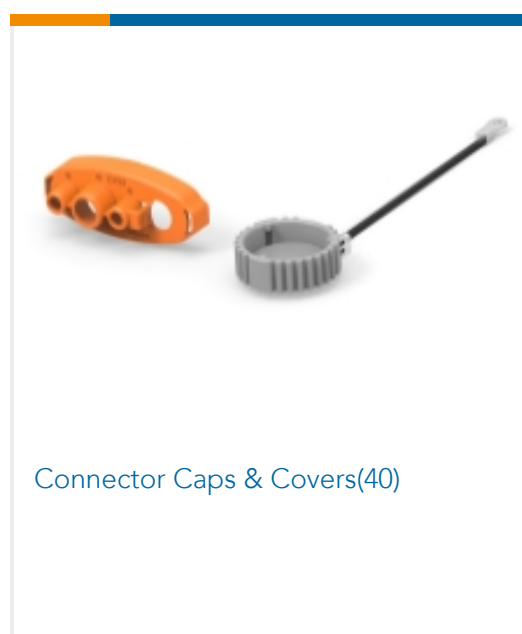
Product Compliance Disclaimer

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

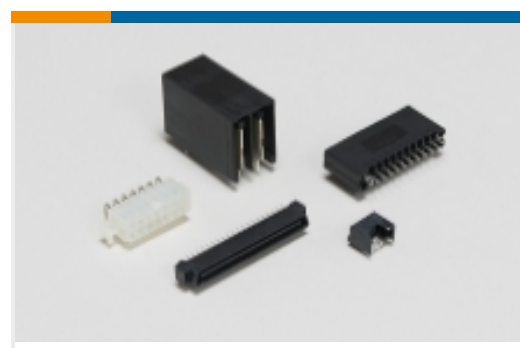


## Also in the Series | AMPMODU MTE

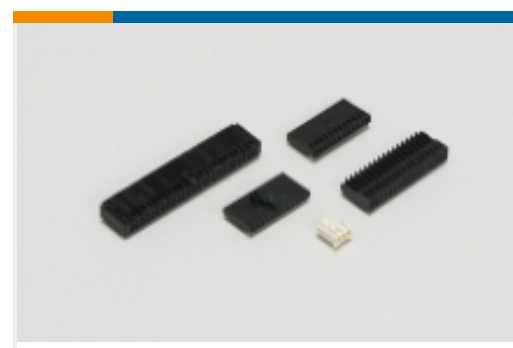




PCB Headers &amp; Receptacles(763)



Standard Rectangular Connectors(2)



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

## Customers Also Bought



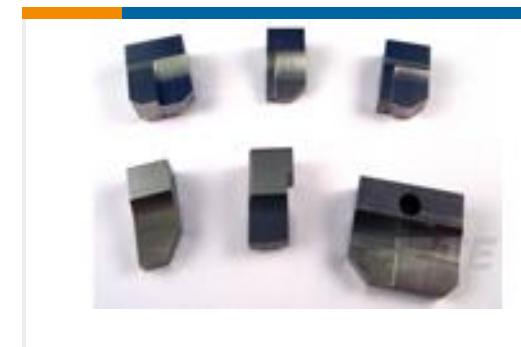
TE Part #1969104-1  
ULTRA POD: Straight, Receptacle  
Assembly, Unplated, .250 inch



TE Part #440452-000  
RT-3-NO.1-0-2.25IN



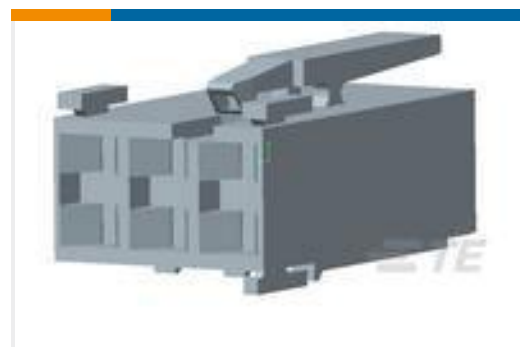
TE Part #1-521253-3  
PL MKIII & FASTON 250 HSG 2P  
NYLON GREEN



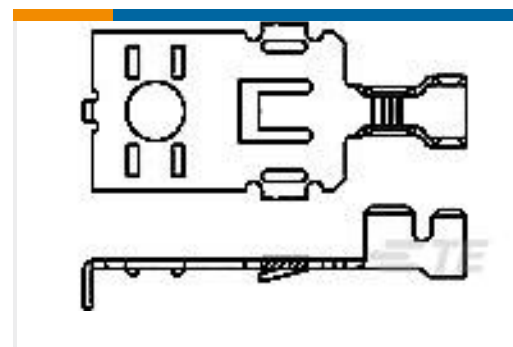
TE Part #1-853088-0  
ANVIL



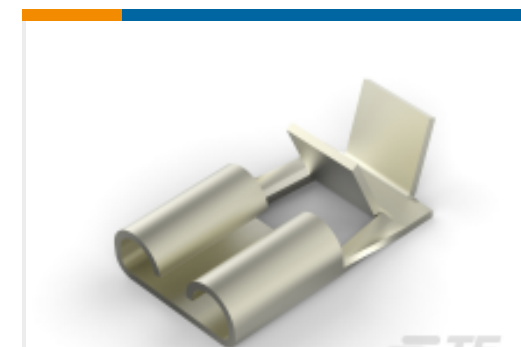
TE Part #1852646-1  
EFHBPO200TABLOCK.2100 LM/G



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



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



TE Part #1217972-2  
250 FASTON, FLAG, REC., 18-14 AWG,  
NPST

## Documents

### Product Drawings

13 MTE SHRD PIN SR LATCH .100

English

### Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION5\_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

### Product Specifications

Application Specification

English