

5-104505-7 ✓ ACTIVE

AMPMODU | AMPMODU MTE

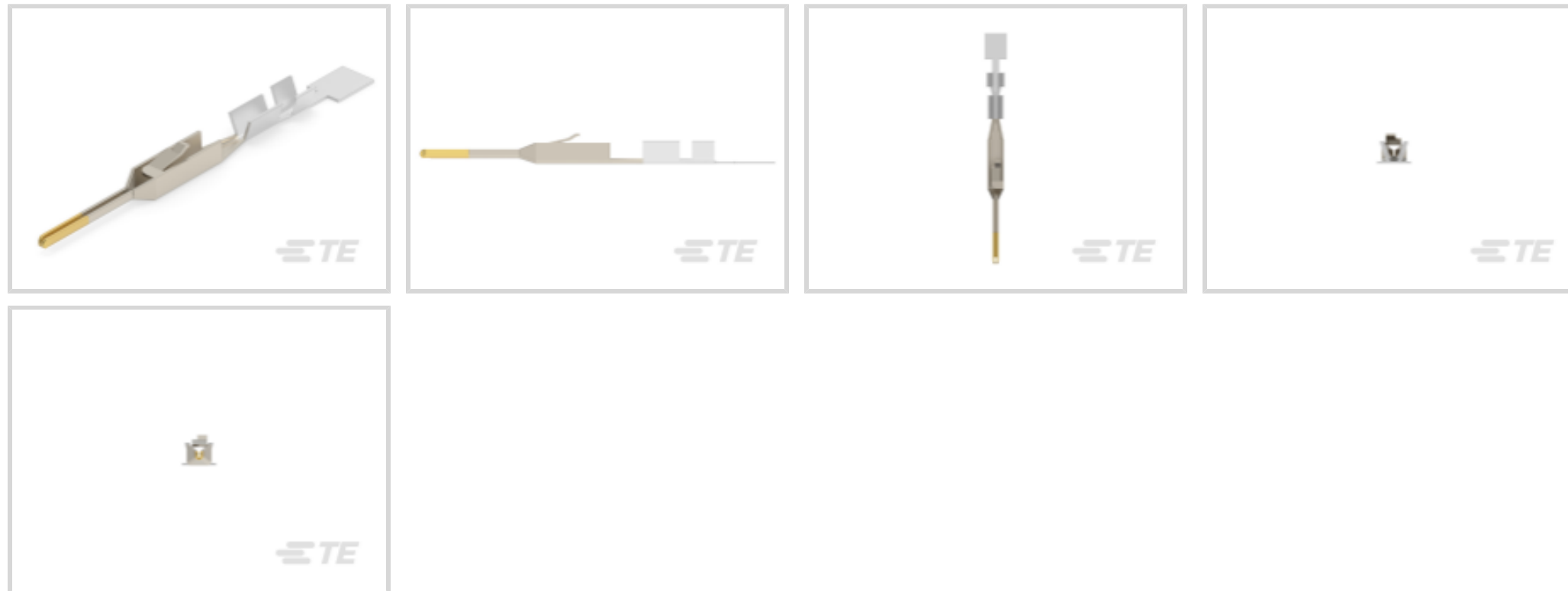
TE Internal #: 5-104505-7

Pin Contact, Gold (Au), 300 VAC, 26 – 22 AWG, .12 – .4 mm<sup>2</sup> Wire, 254 – 642 CMA, Crimp, Phosphor Bronze, Signal, AMPMODU MTE

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Tin**

Operating Voltage: **300 VAC**

Wire Size: **26 – 22 AWG**

## Features

### Product Type Features

Applied Pressure	Standard
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### Electrical Characteristics

Termination Resistance	12 mΩ
Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 V
Operating Voltage	300 VAC

### Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Thickness	1.27 – 2.54 μm[50 – 100 μin]
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin



Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	3 A
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### Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

Compatible Insulation Diameter Range	.91 – 1.37 mm [.035 – .054 in]
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Wire Size	254 – 642 CMA
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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

Compatible With Approved Standards Products	CSA LR7189, UL E28476
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### Packaging Features

Packaging Quantity	500
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Packaging Method	Loose Piece
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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

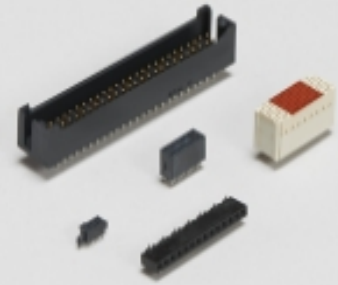


TE Part # 843477-1  
TOOL, EXTRACTION RESET




TE Part # 91531-1  
CCII MTE AMPMODU MTE PIN REC  
26-22 ASSY


### Also in the Series | AMPMODU MTE



Board-to-Board Headers & Receptacles(24)




Connector Caps & Covers(18)



Connector Contacts(27)




Connector Hardware(1)




Insertion & Extraction Tools(1)



PCB Headers & Receptacles(444)



Wire-to-Board Connector Assemblies & Housings(298)



Wire-to-Board Headers & Receptacles (420)

### Customers Also Bought



TE Part #103653-5  
06 MTE SHRD PIN HSG SR LATCH



TE Part #104257-3  
04 MTE RCPT HSG SR LATCH .100



TE Part #104257-2  
03 MTE RCPT HSG SR LATCH .100



TE Part #103653-4  
05 MTE SHRD PIN HSG SR LATCH



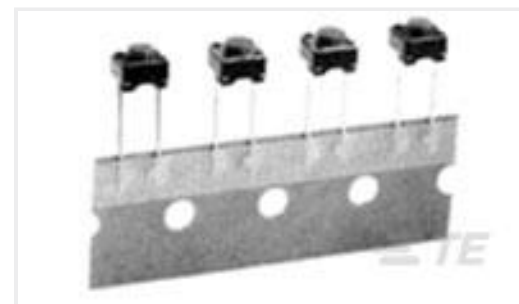
TE Part #104257-4  
05 MTE RCPT HSG SR LATCH .100



TE Part #2-2176363-1  
RQ 0402 698R 0.1% 10PPM 5K RL



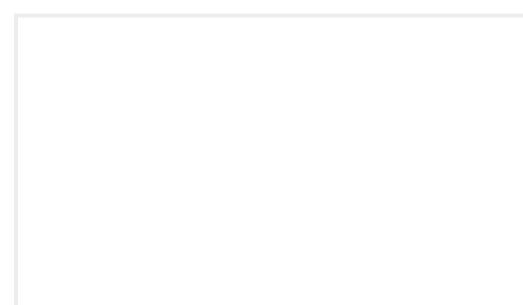
TE Part #103653-7  
08 MTE SHRD PIN HSG SR LATCH



TE Part #147694-1  
FSM8JRT=SWITCH,PUSHBUTTON,  
TACT



TE Part #104257-1  
02 MTE RCPT HSG SR LATCH .100



TE Part #3-1617002-7  
B07B032BZ1-8001 = 07 10AMP REL

## Documents

### Product Drawings

#### MTE PIN LP

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-104505-7\\_V.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-104505-7\\_V.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_5-104505-7\\_V.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages



[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5\\_CONT](#)

English

[AMPMODU MTE INTERCONNECT SYSTEM](#)

English

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[Product Specifications](#)

[Application Specification](#)

English