

5-104505-5 ✓ ACTIVE

AMPMODU | AMPMODU MTE

TE Internal #: 5-104505-5

Pin Contact, Gold, 300 VAC, 26 – 22 AWG Wire Size, .12 – .4 mm²

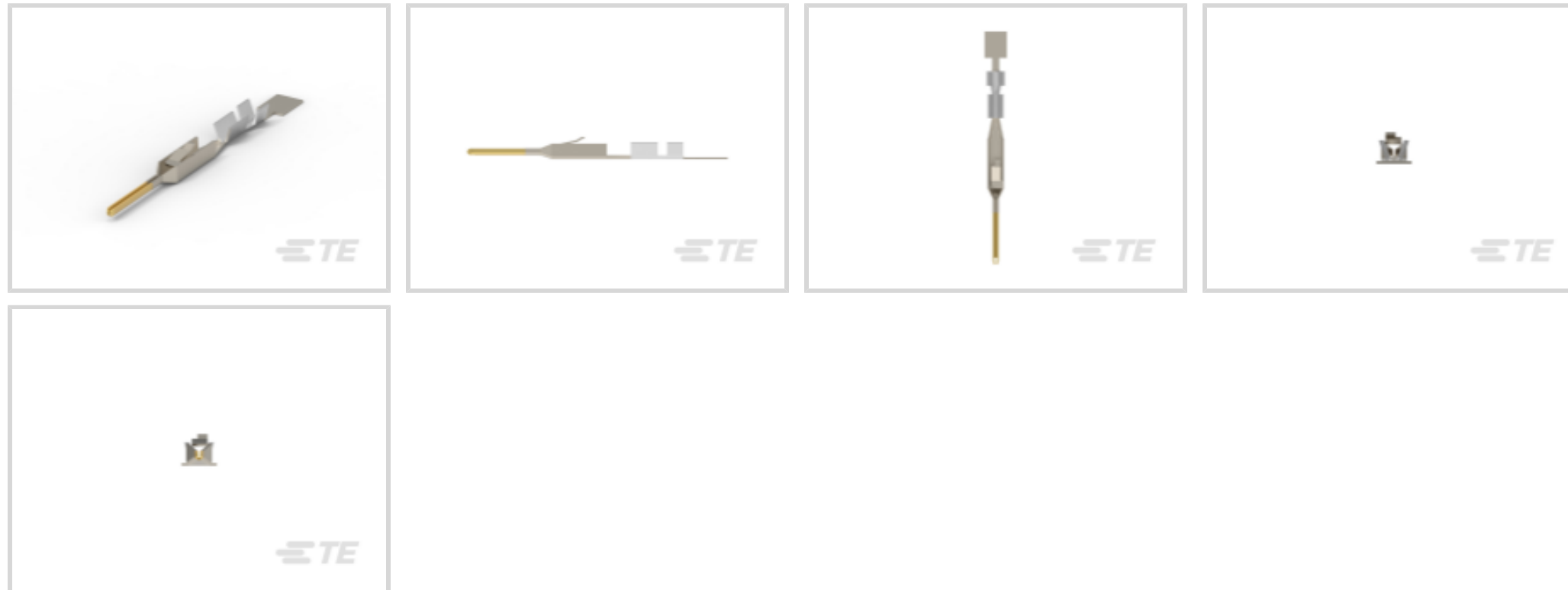
Wire Size, 254 – 642 CMA Wire Size, Crimp, Phosphor Bronze,

Signal, AMPMODU MTE

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **300 VAC**

Wire Size: **26 – 22 AWG**

Features

Product Type Features

| | |
|------------------|----------|
| Applied Pressure | Standard |
|------------------|----------|

Electrical Characteristics

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

Contact Features

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



| | |
|-----------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
|-----------------------|-----------------|

| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 3 A |
|------------------------------|-----|

Termination Features

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|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

| | |
|-----------------------|--------------|
| Product Terminates To | Wire & Cable |
|-----------------------|--------------|

Mechanical Attachment

| | |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

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|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | .91 – 1.37 mm [.035 – .054 in] |
|--------------------------------------|--------------------------------|

| | |
|-----------|---------------|
| Wire Size | 254 – 642 CMA |
|-----------|---------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -65 – 105 °C [-85 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|---|-----------------------|
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |
|---|-----------------------|

Packaging Features

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|--------------------|-----|
| Packaging Quantity | 500 |
|--------------------|-----|

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|------------------|-------------|
| Packaging Method | Loose Piece |
|------------------|-------------|

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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




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




TE Part # 843477-1
TOOL, EXTRACTION RESET

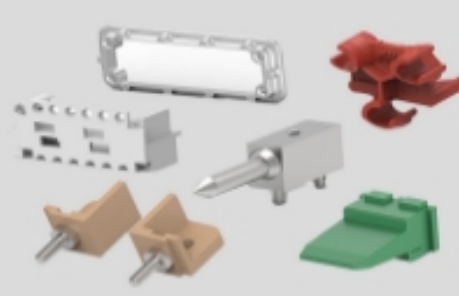
Also in the Series | AMPMODU MTE




Connector Caps & Covers(40)



Connector Contacts(32)




Connector Hardware(1)



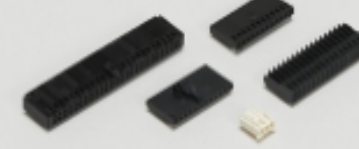
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(763)

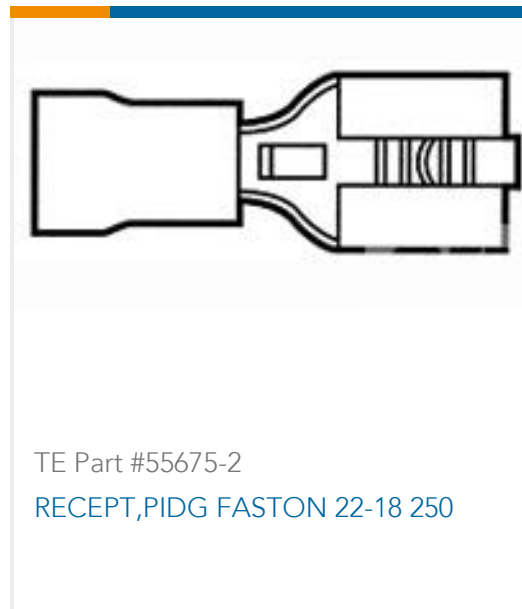


Standard Rectangular Connectors(2)



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

Customers Also Bought



Documents

Product Drawings

MTE PIN LP

English

CAD Files

Customer View Model

[ENG_CVM_CVM_5-104505-5_V.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-104505-5_V.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-104505-5_V.3d_stp.zip](#)

English

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Datasheets & Catalog Pages



AMPMODU_INTERCONNECTION_SYSTEM_SECTION5_CONT

English

AMPMODU MTE INTERCONNECT SYSTEM

English

Product Specifications

Application Specification

English