

MTE PIN 22-26 AWG PLTD

✓ ACTIVE

AMPMODU | AMPMODU MTE

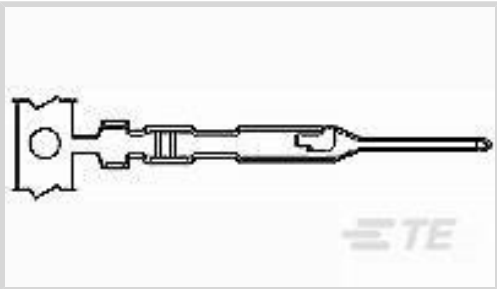
TE Part # 104505-4

TE Internal #: 104505-4

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**

Wire Size: **.12 – .4 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Gold**

Packaging Method: **Strip**

Features

Product Type Features

|                  |          |
|------------------|----------|
| Applied Pressure | Standard |
| Product Type     | Contact  |

Electrical Characteristics

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

Contact Features

|                                                |                     |
|------------------------------------------------|---------------------|
| Wire Contact Termination Area Plating Material | Tin-Lead            |
|                                                | 15 μin              |
| PCB Contact Termination Area Plating Material  | Tin-Lead            |
| Contact Base Material                          | Phosphor Bronze     |
| Contact Type                                   | Pin                 |
| Contact Mating Area Plating Material           | Gold                |
| Contact Current Rating (Max)                   | 3 A                 |
| Contact Transmits (Typical)                    | Signal (Data)/Power |

Termination Features

|                                    |                                            |
|------------------------------------|--------------------------------------------|
| Termination Method to Wire & Cable | Crimp, Insulation Displacement Crimp (IDC) |
|------------------------------------|--------------------------------------------|

Mechanical Attachment

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



Dimensions

|                     |                               |
|---------------------|-------------------------------|
| Wire Size           | .12 – .4 mm <sup>2</sup>      |
| Insulation Diameter | .91 – 1.37 mm[.035 – .054 in] |

Usage Conditions

|                             |              |
|-----------------------------|--------------|
| Operating Temperature Range | -65 – 105 °C |
|-----------------------------|--------------|

Industry Standards

|                    |                       |
|--------------------|-----------------------|
| Approved Standards | CSA LR7189, UL E28476 |
|--------------------|-----------------------|

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Method   | Strip |
| Packaging Quantity | 12500 |

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 | No Restricted Materials Above Threshold                                                        |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2019 (197)<br>Candidate List Declared Against: JAN 2019 (197) |
| 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

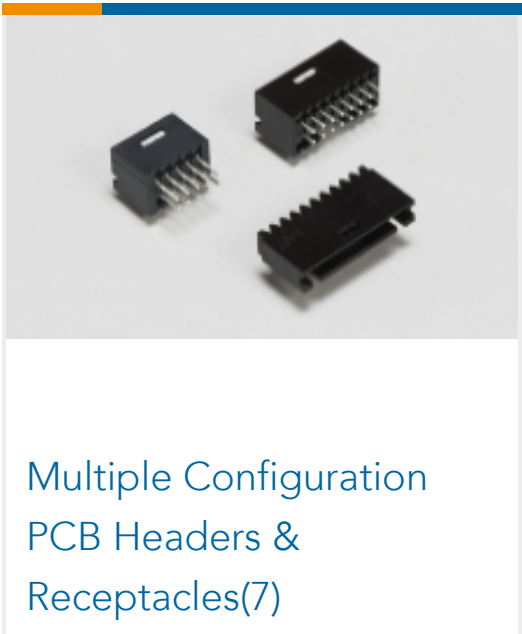
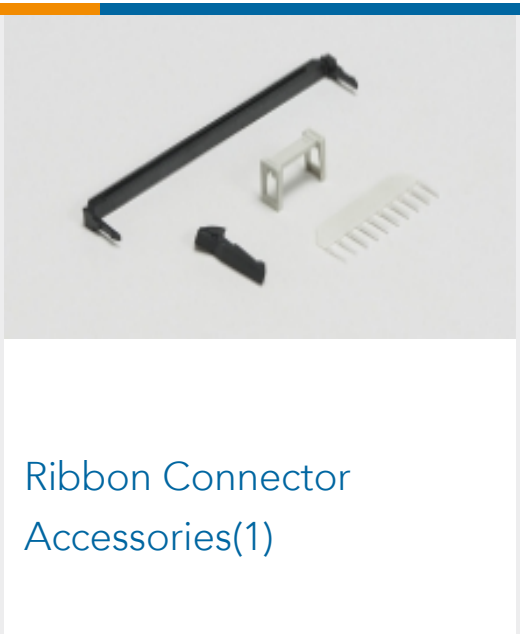
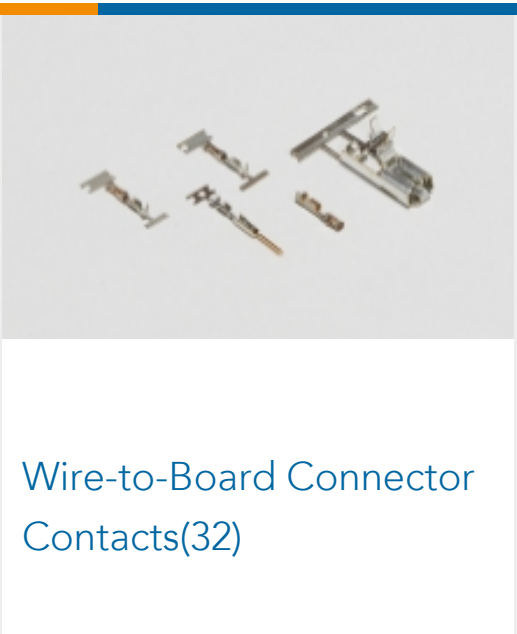
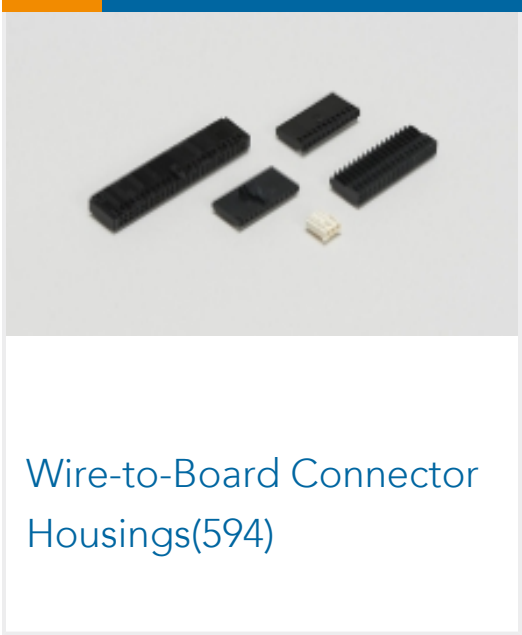
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.



Compatible Parts

|                                                                                                                                                      |                                                                                                                                                    |                                                                                                                                                       |                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 7-2151236-7<br/>OCEAN_2.0_SPARE_PART_KIT-042F055F</p> |  <p>TE Part # 2151236-2<br/>OCEAN_2.0_APPLICATOR-S-042F055OA</p> |  <p>TE Part # 2151236-1<br/>OCEAN_2.0_APPLICATOR-S-042F055O</p>    |  <p>TE Part # 2305570-1<br/>TERMINAL CUTTER, SIDE FEED</p> |
|  <p>TE Part # 2-2151236-2<br/>OCEAN_2.0_APPLICATOR-S-042F055OA</p> |  <p>TE Part # 91531-1<br/>CERTICRIMP 2,SAHT MTE</p>             |  <p>TE Part # 2-2151236-1<br/>OCEAN_2.0_APPLICATOR-S-042F055O</p> |  <p>TE Part # 843477-1<br/>TOOL, EXTRACTION RESET</p>     |

Also in the Series | AMPMODU MTE

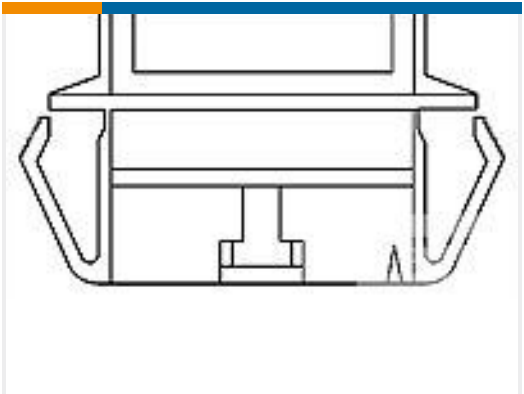
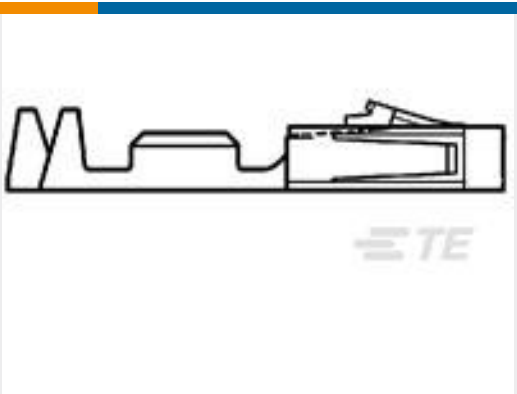
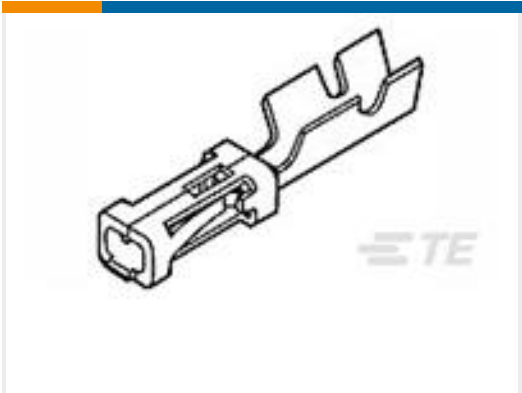
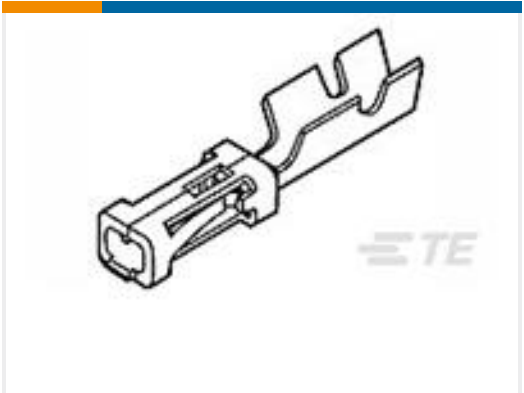
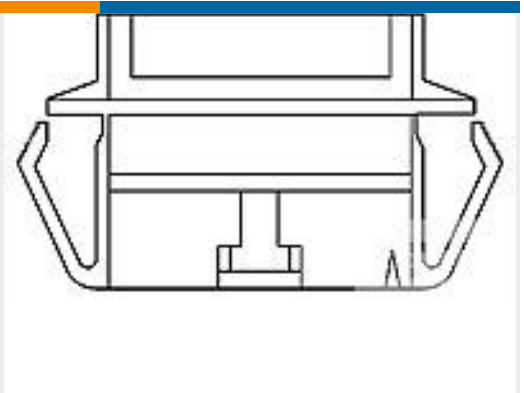
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|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Multiple Configuration<br/>PCB Headers &amp;<br/>Receptacles(7)</p> |  <p>PCB Connector Shrouds<br/>(40)</p>                   |  <p>Ribbon Connector<br/>Accessories(1)</p> |  <p>Wire-to-Board Connector<br/>Contacts(32)</p> |
|  <p>Wire-to-Board Connector<br/>Housings(594)</p>                       |  <p>Wire-to-Board Headers &amp;<br/>Receptacles(730)</p> |                                                                                                                                  |                                                                                                                                       |

Customers Also Bought

MTE PIN 22-26 AWG PLTD

TE Part # 104505-4  
TE Internal #: 104505-4



|                                                                                                                                                      |                                                                                                                                                  |                                                                                                                                                   |                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #770902-3<br/>MINI UMNL SOK 26-22<br/>AWG AU</p>        |  <p>TE Part #103682-1<br/>02 MTE PANEL MOUNT SR</p>            |  <p>TE Part #207535-1<br/>HSG,SINGLE POSN FREE<br/>HANGING</p> |  <p>TE Part #104480-3<br/>SHORT POINT CONT 15<br/>DPLX STMPD</p> |
|  <p>TE Part #1-87523-5<br/>MOD IV RECP PLTD 15<br/>DPLX</p>        |  <p>TE Part #103171-1<br/>MOD IV RECP PLTD 15<br/>DPLX</p>    |  <p>TE Part #103682-5<br/>06 MTE PANEL MOUNT SR</p>           |  <p>TE Part #104503-1<br/>02 MTE PIN HSG SR RIB .<br/>100CL</p> |
|  <p>TE Part #2-747580-4<br/>SHLDING FERRULE,PLTD<br/>TIN,BULK</p> |  <p>TE Part #770901-3<br/>MINI UMNL PIN 26-22<br/>AWG AU</p> |                                                                                                                                                   |                                                                                                                                                     |

Documents

Product Drawings  
MTE PIN 22-26 AWG PLTD

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_104505-4\_V.2d\_dxf.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_104505-4\_V.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_104505-4\_V.3d\_stp.zip

English

Datasheets & Catalog Pages  
AMPMODU MTE INTERCONNECT SYSTEM



English

[Product Specifications](#)

[Application Specification](#)

English

[Product Environmental Compliance](#)

[TE Material Declaration](#)

English