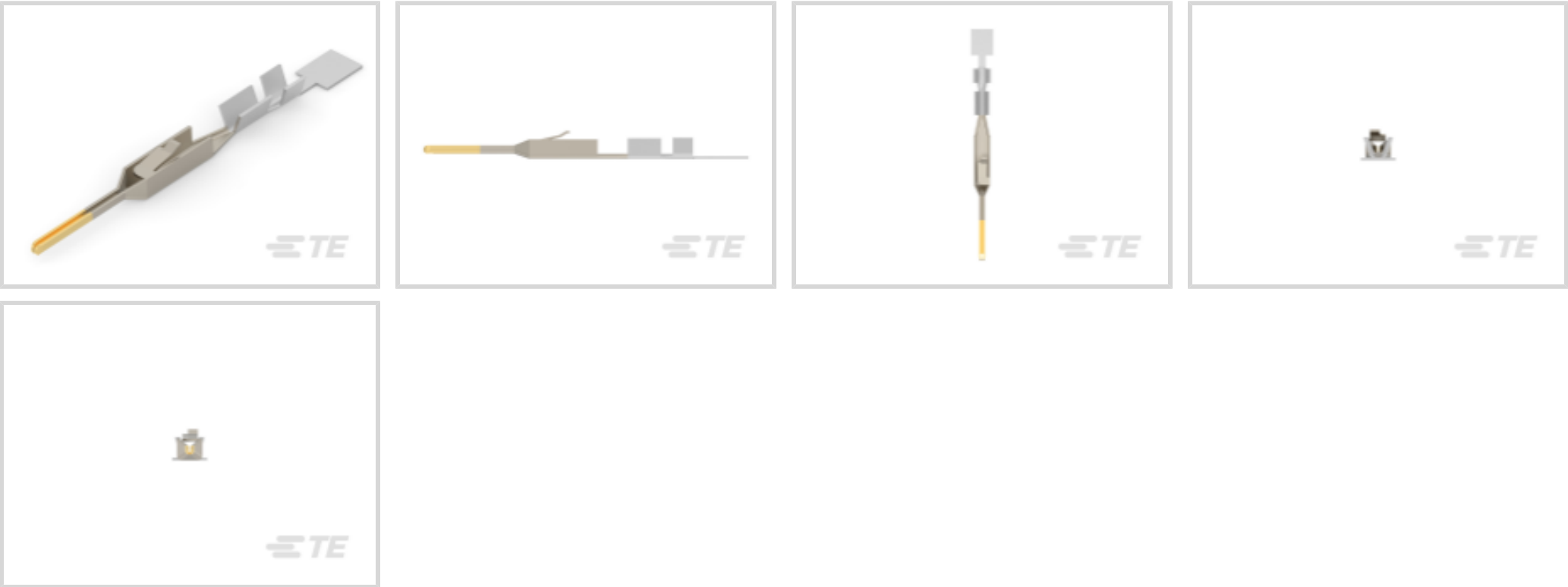




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Gold**  
Wire Contact Termination Area Plating Material: **Tin**  
Operating Voltage: **300 VAC**  
Contact Retention Within Housing: **With**

Features

Product Type Features

|                    |                   |
|--------------------|-------------------|
| Discrete Wire Type | Solid or Stranded |
| Applied Pressure   | Standard          |

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

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]              |
| Contact Underplating Material Thickness               | .76 μm[30 μin]               |
| Wire Contact Termination Area Plating Thickness       | 1.27 – 2.54 μm[50 – 100 μin] |
| Wire Contact Termination Area Plating Material Finish | Matte                        |



|                                                |                   |
|------------------------------------------------|-------------------|
| Contact Mating Area Plating Material Thickness | .38 µm[15 µin]    |
| Contact Length                                 | 20.47 mm[.806 in] |
| Contact Orientation                            | Straight          |
| Contact Underplating Material                  | Nickel            |
| Barrel Type                                    | Open              |
| Contact Type                                   | Pin               |
| Contact Mating Area Plating Material           | Gold              |
| Wire Contact Termination Area Plating Material | Tin               |
| Contact Retention Within Housing               | With              |
| Contact Base Material                          | Phosphor Bronze   |
| Contact Current Rating (Max)                   | 3 A               |

Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Mechanical Attachment

|                                       |               |
|---------------------------------------|---------------|
| Wire Insulation Support               | With          |
| Contact Retention Type Within Housing | Locking Lance |

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| 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

|                    |            |
|--------------------|------------|
| Packaging Quantity | 12500      |
| Packaging Method   | Reel & Box |

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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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>

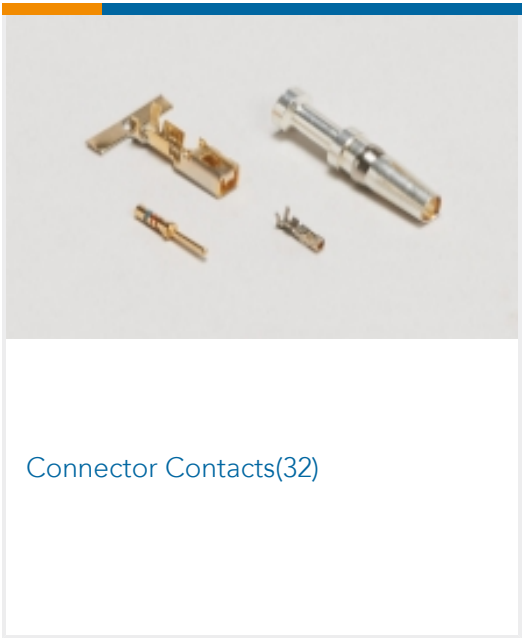
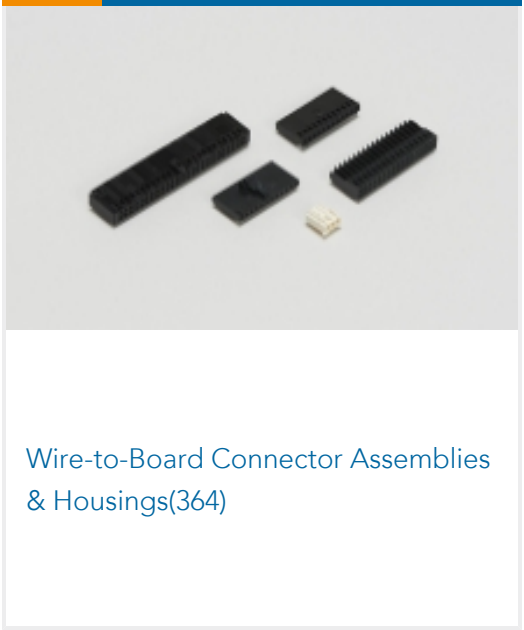
Compatible Parts

|                                                                  |                                                        |                                                        |                                                          |
|------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------|
| <br>TE Part # 91531-1<br>CCII MTE AMPMODU MTE PIN REC 26-22 ASSY | <br>TE Part # 843477-1<br>TOOL, EXTRACTION RESET       | <br>TE Part # 103653-7<br>08 MTE SHRD PIN HSG SR LATCH | <br>TE Part # 103653-4<br>05 MTE SHRD PIN HSG SR LATCH   |
| <br>TE Part # 103653-5<br>06 MTE SHRD PIN HSG SR LATCH           | <br>TE Part # 103653-1<br>02 MTE SHRD PIN HSG SR LATCH | <br>TE Part # 103653-2<br>03 MTE SHRD PIN HSG SR LATCH | <br>TE Part # 1-103653-1<br>12 MTE SHRD PIN HSG SR LATCH |

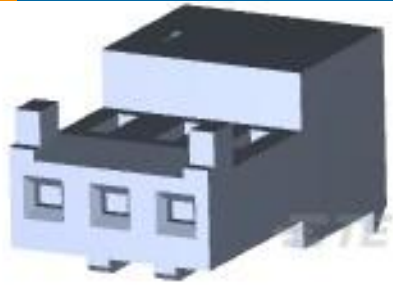


|                                                                                                                                                  |                                                                                                                                                   |                                                                                                                                                    |                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 104503-4<br/>05 MTE PIN HSG SR RIB .100CL</p>     |  <p>TE Part # 104503-6<br/>07 MTE PIN HSG SR RIB .100CL</p>     |  <p>TE Part # 103653-9<br/>10 MTE SHRD PIN HSG SR LATCH</p>     |  <p>TE Part # 1-103653-4<br/>15 MTE SHRD PIN HSG SR LATCH</p>  |
|  <p>TE Part # 103653-6<br/>07 MTE SHRD PIN HSG SR LATCH</p>    |  <p>TE Part # 103653-8<br/>09 MTE SHRD PIN HSG SR LATCH</p>    |  <p>TE Part # 104503-2<br/>03 MTE PIN HSG SR RIB .100CL</p>    |  <p>TE Part # 1-103653-3<br/>14 MTE SHRD PIN HSG SR LATCH</p> |
|  <p>TE Part # 1-103653-2<br/>13 MTE SHRD PIN HSG SR LATCH</p> |  <p>TE Part # 1-103653-0<br/>11 MTE SHRD PIN HSG SR LATCH</p> |  <p>TE Part # 1-103653-5<br/>16 MTE SHRD PIN HSG SR LATCH</p> |  <p>TE Part # 104503-1<br/>02 MTE PIN HSG SR RIB .100CL</p>  |

Also in the Series | AMPMODU MTE

|                                                                                                                               |                                                                                                                                                        |                                                                                                                    |                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  <p>Connector Caps &amp; Covers(20)</p>    |  <p>Connector Contacts(32)</p>                                     |  <p>Connector Hardware(1)</p> |  <p>Insertion &amp; Extraction Tools(1)</p> |
|  <p>PCB Headers &amp; Receptacles(456)</p> |  <p>Wire-to-Board Connector Assemblies<br/>&amp; Housings(364)</p> |                                                                                                                    |                                                                                                                                  |

Customers Also Bought



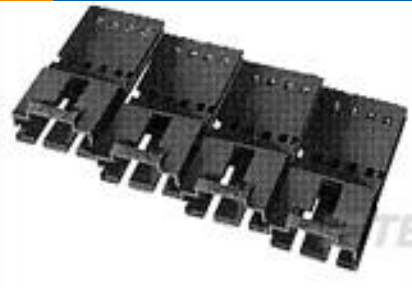
TE Part #3-644043-3  
03P MTA100 CONN ASSY LF



TE Part #HD36-24-33SN-059  
PLG,33P,AL,N, CBL CLMP BT, DRAIN,  
20,S,MC



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



TE Part #1-103653-1  
12 MTE SHRD PIN HSG SR LATCH



TE Part #796437-2  
RECPT HSG,CPC,17-14,REV SEX



TE Part #796449-1  
PLUG ASSY,CPC,17-14,REV SEX



TE Part #3-640622-5  
05P MTA100 CONN ASSY F/T BLU



TE Part #ES13434001  
EVSW-40/19-3-SP

Documents

Product Drawings

MTE PIN 22-26 AWG PLTD

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_5-104505-4\_V.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-104505-4\_V.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-104505-4\_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

Product Specifications

Application Specification

English

BACA-AMP-156

Pin Contact, Gold, 300 VAC, Locking Lance Contact Retention, Discrete Wire, 26 – 22  
AWG Wire Size, .12 – .4 mm<sup>2</sup> Wire Size, AMPMODU MTE

