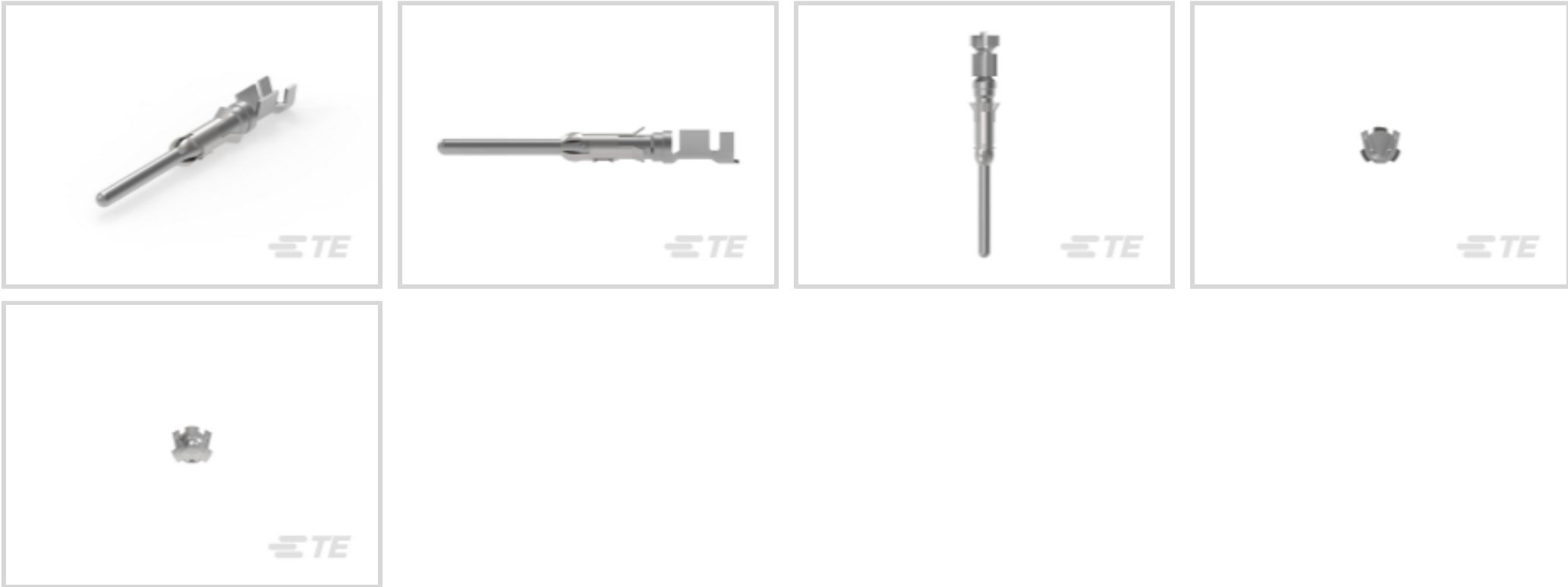




Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type III, LP EMEA



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Tin**  
Wire Contact Termination Area Plating Material: **Tin**  
Contact Retention Within Housing: **With**  
Contact Retention Type Within Housing: **Snap-In**

[All Pin and Socket Contacts, Type III, LP EMEA \(27\)](#)

Features

Product Type Features

|                    |          |
|--------------------|----------|
| Discrete Wire Type | Stranded |
|--------------------|----------|

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Mating Pin Diameter                                   | 1.57 mm[.062 in] |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Wire Contact Termination Area Plating Thickness       | 1.02 µm[40 µin]  |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Mating Area Plating Material Thickness        | 1.02 µm[40 µin]  |
| Contact Shape & Form                                  | Round            |
| Contact Mating Area Plating Material Finish           | Bright           |
| Contact Orientation                                   | Straight         |
| Contact Underplating Material                         | Nickel           |
| Barrel Type                                           | Open             |
| Contact Type                                          | Pin              |



|                                                |         |
|------------------------------------------------|---------|
| Contact Mating Area Plating Material           | Tin     |
| Wire Contact Termination Area Plating Material | Tin     |
| Contact Retention Within Housing               | With    |
| Contact Size                                   | Size 16 |
| Contact Base Material                          | Brass   |
| Contact Current Rating (Max)                   | 13 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 | Snap-In |

Dimensions

|                                      |                         |
|--------------------------------------|-------------------------|
| Compatible Insulation Diameter Range | 2 – 2.5 mm[.08 – .1 in] |
| Wire Size                            | .75 – 1.5 mm²           |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 90 °C[-67 – 194 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 200         |
| 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 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

|                                                                                                                                                                    |                                                                                                                                                                      |                                                                                                                                                                       |                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-AM71-C83998C<br/>Circular Plastic Connector, CMC Series 1</p> |  <p>TE Part # CAT-AM71-C83998Y<br/>One-Piece Connector, Sealed, CPC Series 1</p> |  <p>TE Part # CAT-AM71-C83998J<br/>Cable/Panel Mount Connector, CPC Series 1</p> |  <p>TE Part # CAT-AM71-C83998K<br/>Circular Connector, Environmentally Sealed, CPC Series 6</p> |
|  <p>TE Part # 58495-2<br/>PROCrimper Die Assy Multimate</p>                     |  <p>TE Part # 91505-1<br/>CCII Type III+ 24-16 Assy</p>                          |  <p>TE Part # 200893-2<br/>Insertion Tool Cont</p>                               |  <p>TE Part # 58495-1<br/>Pro Crimper Assy Multimate</p>                                        |
|  <p>TE Part # 91523-1<br/>CCII Type III+ Pin Skt 24-16 Assy</p>                 |  <p>TE Part # 539972-1<br/>Extraction Tool</p>                                   |  <p>TE Part # 305183<br/>Extract Tool Type 2 20-16</p>                           |  <p>TE Part # 2063487-1<br/>SDE Type III+ 0.2-2.5mm2 Assy</p>                                   |



TE Part # 2063487-2  
SDE TYPE III+ 0.2-2.5mm2 DIE SET

Also in the Series | AMP Type III+

Connector Contacts(409)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #206429-1  
CPC PLUG ASSY, 11-4, REV SEX

TE Part #63316-2  
187 FASTON FLAG REC 18-14 AWG TPBR

TE Part #796692-6  
TERMI-BLOK PCB MOUNT 1&2 6P.5

TE Part #AAC7879-00  
PE93-10.0-T

TE Part #AAC7897-00  
PE93-6.0-T

TE Part #119977-E  
IBRFHG VE 10 CSI 208 BAG J 3 119979 IBRI

TE Part #119987-E  
IBRCMP RET 10 VE 208 BAG J 3 119980 IBRI

TE Part #AAC7892-00  
PE93-4.0-T

Documents

Product Drawings  
PIN ASS

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_164164-1\_F1.3d\_igs.zip



English

Customer View Model

[ENG\\_CVM\\_CVM\\_164164-1\\_F1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_164164-1\\_F1.2d\\_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

Signal Contacts

English

[M\\_SERIES\\_PIN\\_AND\\_SOCKET\\_CONNECTORS](#)

English

Product Specifications

[Product Specification](#)

English