



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Tin**  
Contact Size: **.64mm**  
Contact Base Material: **Phosphor Bronze**  
Product Terminates To: **Printed Circuit Board**

Features

Product Type Features

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

Contact Features

|                                                         |                              |
|---------------------------------------------------------|------------------------------|
| Contact Mating Area Length                              | 18 mm[.709 in]               |
| Mating Square Post Dimension                            | .64 mm[.025 in]              |
| PCB Contact Termination Area Plating Material Thickness | 1.2 µm[47.24 µin]            |
| Contact Underplating Material Thickness                 | 1.2 µm[47.24 µin]            |
| Contact Mating Area Plating Material Thickness          | 2 – 4 µm[78.74 – 157.48 µin] |
| Contact Shape & Form                                    | Square                       |
| Contact Length                                          | 21.2 mm[.835 in]             |
| Contact Orientation                                     | Straight                     |
| Contact Underplating Material                           | Nickel                       |
| PCB Contact Termination Area Plating Material           | Tin                          |
| Barrel Type                                             | Open                         |
| Contact Type                                            | Pin                          |
| Contact Mating Area Plating Material                    | Tin                          |



|                              |                 |
|------------------------------|-----------------|
| Contact Size                 | .64mm           |
| Contact Base Material        | Phosphor Bronze |
| Contact Current Rating (Max) | 3 A             |

Termination Features

|                                               |                          |
|-----------------------------------------------|--------------------------|
| Rectangular Termination Post & Tail Thickness | .64 mm[.025 in]          |
| Rectangular Termination Post & Tail Width     | .71 mm[.027 in]          |
| Termination Method to PCB                     | Through Hole - Press-Fit |
| Product Terminates To                         | Printed Circuit Board    |

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 125 °C[-85 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 50000 |
| Packaging Method   | Reel  |

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



TE Part # CAT-P100  
Pin Insertion Machine P100



TE Part # CAT-P280  
P280 PIN INSERTION MACHINE



TE Part # CAT-P300  
Pin Insertion Machine P300



TE Part # CAT-P360  
P360 Pin Insertion Machine



TE Part # CAT-P550  
Pin Insertion Machine P550

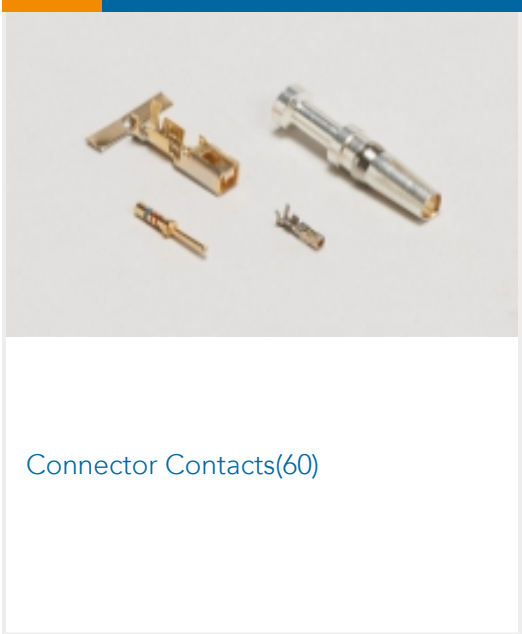


TE Part # 2410420-3  
EP PIN INSERTION MACHINE



TE Part # 2688850-1  
P300-C 4 HEAD

Also in the Series | AMPMODU Headers



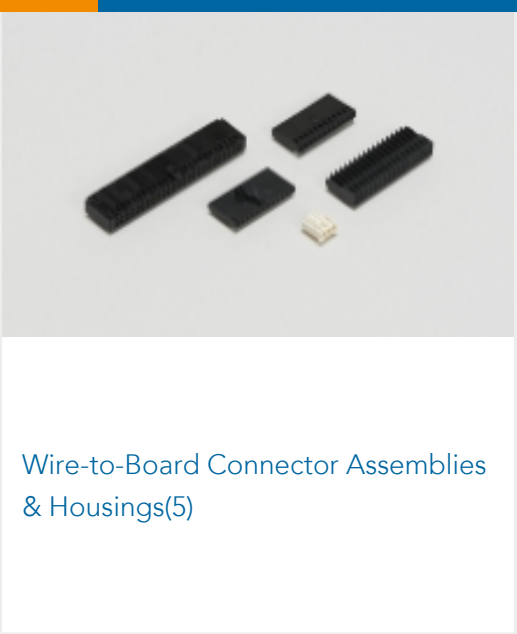
Connector Contacts(60)



Connector Hardware(1)



PCB Headers & Receptacles(1624)



Wire-to-Board Connector Assemblies & Housings(5)

Customers Also Bought





TE Part #174146-2  
Signal Header



TE Part #1-929451-3  
PRESS FIT PIN TERMINALS



TE Part #4-2177370-3  
Miniature Automotive I/O Headers



TE Part #1-928776-7  
MOD2 STIFT M A-PIN



TE Part #2326784-1  
32POS,TAB0.64X0.64,HDR ASSY,  
90DEG,SLDR



TE Part #234832-E  
SRCA 2,54 2 M 1 SMD 137 E1 094 \*  
GURT \*



TE Part #474006-E  
DRCQ 2,54 10 M \* SMD \* 137 E012  
094 GU-H

Documents

Product Drawings

MOD2 STIFT M.A-PIN

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-928776-7\_Y.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-928776-7\_Y.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-928776-7\_Y.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

AMPMODU Interconnection System

English