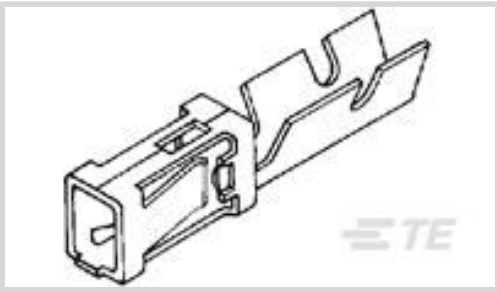




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts



Contact Type: **Socket**  
Connector System: **Board-to-Board**  
Centerline (Pitch): **3.81 mm [.15 in]**  
Contact Mating Area Plating Material: **Gold**  
Wire Size: **22 – 18 AWG**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Applied Pressure                  | High           |
| Connector System                  | Board-to-Board |
| Connector & Contact Terminates To | Wire & Cable   |

Electrical Characteristics

|                                       |          |
|---------------------------------------|----------|
| Dielectric Withstanding Voltage (Max) | 1200 VAC |
| Insulation Resistance                 | 5000 MΩ  |
| Contact Resistance                    | 12 mΩ    |

Contact Features

|                                                |                 |
|------------------------------------------------|-----------------|
| Contact Mating Area Plating Material Thickness | .381 μm[15 μin] |
| PCB Contact Termination Area Plating Material  | Gold Flash      |
| Contact Base Material                          | Phosphor Bronze |
| Contact Type                                   | Socket          |
| Contact Mating Area Plating Material           | Gold            |
| Contact Orientation                            | Straight        |
| Contact Current Rating (Max)                   | 5 A             |

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | With    |
| PCB Mount Retention     | Without |



|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 3.81 mm [.15 in] |
|--------------------|------------------|

Dimensions

|                                        |                               |
|----------------------------------------|-------------------------------|
| Accepts Wire Insulation Diameter Range | 1.3 – 2.29 mm [.051 – .09 in] |
| Wire Size                              | .3 – .9 mm²                   |

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Quantity | 1000        |
| Packaging Method   | Loose Piece |

Other

|         |                                                                                                                                                                                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Comment | Applicators also available for AMPOMATOR Lead Making Machines and Stripper/Crimper Machines. Consult AMP, Inc., Part No. 843473-1 is an extraction tool for the Crimp Snap-In contacts. |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<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                     | Wave solder capable to 265°C                                                                                                    |

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

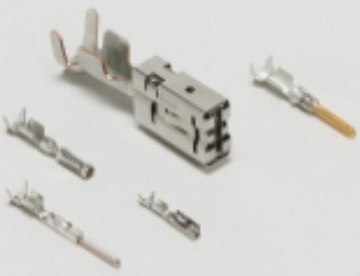


TE Part # 843473-1  
EXTRACTION TOOL



TE Part # 574868  
DAHT TAPER PIN FASTON 24-22 ASSY

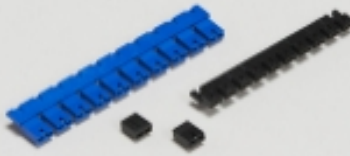
Also in the Series | AMPMODU MOD 1



Automotive Terminals(6)



Board-to-Board Connector Contacts  
(104)



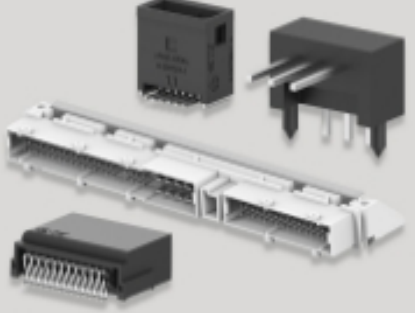
Board-to-Board Jumpers & Shunts(5)



Insertion & Extraction Tools(1)



PCB Connector Keying(2)



PCB Headers & Receptacles(372)



Wire-to-Board Connector Assemblies  
& Housings(44)



Wire-to-Board Connector Contacts(2)

Documents

Product Drawings  
MOD I RECP LP

English

Product Specifications



Application Specification

English

AMPMODU Mod I Receptacle Crimp Contact

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (U.S.)

English