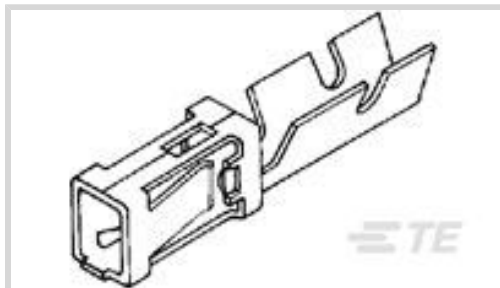




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Connector Contacts



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	.762 μm[30 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
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Housing Features

Centerline (Pitch)	3.81 mm [.15 in]
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Dimensions

Accepts Wire Insulation Diameter Range	1.3 – 2.29 mm [.051 – .09 in]
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Wire Size	.3 – .9 mm ²
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Usage Conditions

Operating Temperature Range	-65 – 105 °C [-85 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	5000
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Packaging Method	Reel
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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.
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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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 # 2-2836574-1
OC-PA-E-FM-070F110F-001-0136



TE Part # 2-2836574-2
OC-PA-E-FA-070F110F-001-0136



TE Part # 2836574-1
OC-AT-E-FM-070F110F-001-0136



TE Part # 2836574-2
OC-AT-E-FA-070F110F-001-0136

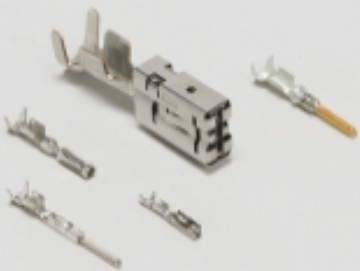


TE Part # 574868
DAHT TAPER PIN FASTON 24-22 ASSY



TE Part # 7-2836574-7
OC-070F110F-CRIMPTOOLINGKIT


Also in the Series | AMPMODU MOD 1




Automotive Terminals(6)



Board-to-Board Connector Contacts (104)



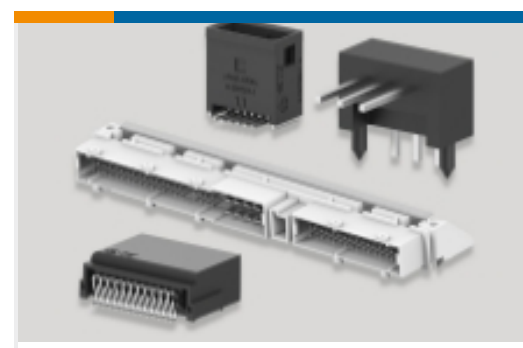
Board-to-Board Jumpers & Shunts(5)



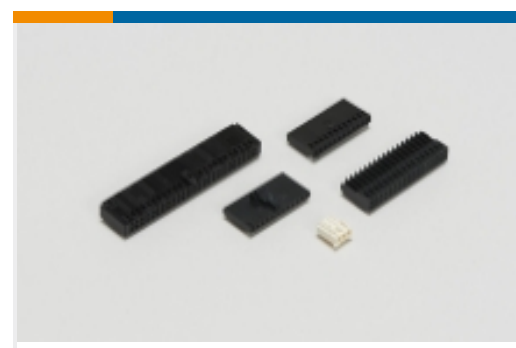
Insertion & Extraction Tools(1)



PCB Connector Keying(2)

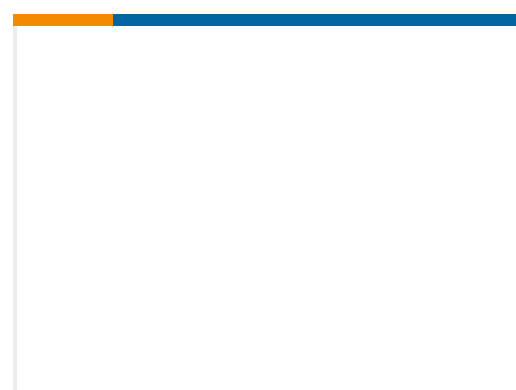


PCB Headers & Receptacles(372)

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

Wire-to-Board Connector Contacts(2)

Customers Also Bought

TE Part #1490413-3
HYP10 SOLIS 4AWG NESTTE Part #66104-6
III+ SKT,24-20,30AU>10,STRIPTE Part #201369-4
75 POS. PIN HOODTE Part #2-35273-2
TERMINAL,PIDG R 12-10 1/4TE Part #208131-1
CPC RECPT ASSEMBLY,SIZE 13-9TE Part #1490413-1
HYP10 SOLIS 8AWG NESTTE Part #5027000012
TMS-CM-1/4-4H-9

Documents

Product Drawings

[MOD I RECP PLTD 30 SEL](#)

English

Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTION_6_7AND8](#)

English

Product Specifications

[Application Specification](#)

English