86448-1 ✔ ACTIVE

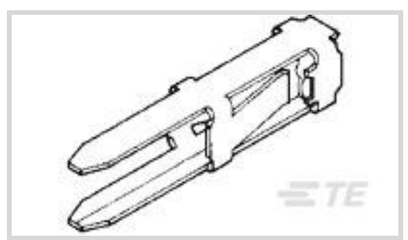
AMPMODU | AMPMODU MOD 1

TE Internal #: 86448-1

Tin (Sn), Socket Contact, Phosphor Bronze, Signal, -65 – 105 °C [-85 – 221 °F], AMPMODU MOD 1

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Contact Base Material: **Phosphor Bronze**

Product Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **5 A**

Features

Product Type Features

Applied Pressure	High

Contact Features

PCB Contact Termination Area Plating Material Thickness	.76 µm[29.9212 µin]
Contact Orientation	Straight
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[29.9212 µin]
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	2.85 mm[.112 in]
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	Without
PCB Mount Retention	Without

Housing Features

Mating Entry Location	Top

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Product Compliance

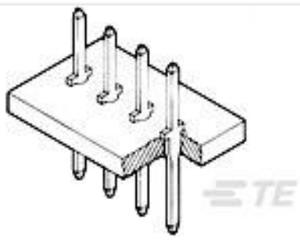
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

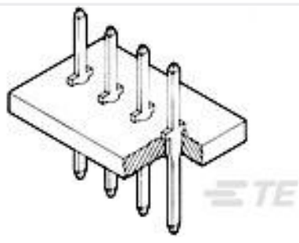
Product Compliance Disclaimer

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

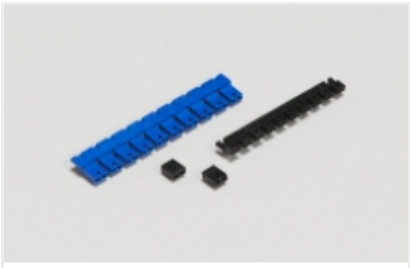


TE Part # 1-5086147-0
MOD I POST PLTD SN, ROHS



TE Part # 2-5086182-2
MOD I POST LP, ROHS

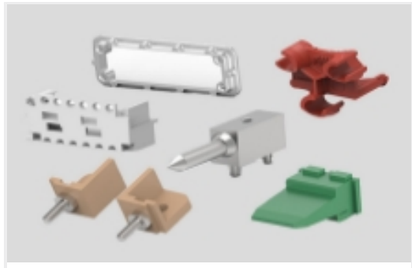
Also in the Series | AMPMODU MOD 1



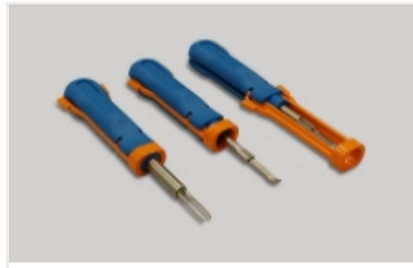
Board-to-Board Jumpers & Shunts(1)



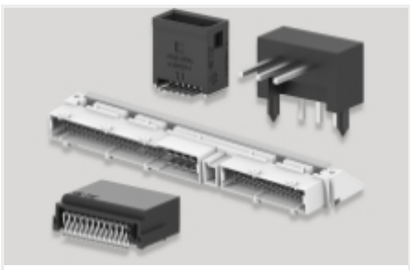
Connector Contacts(41)



Connector Hardware(2)



Insertion & Extraction Tools(1)



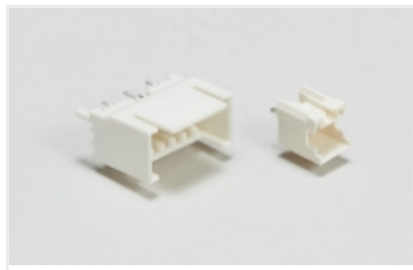
PCB Headers & Receptacles(81)



Power Contacts(1)



Rectangular Power Connectors(16)



Wire-to-Board Headers & Receptacles (28)

Customers Also Bought

TE Part #244336-E
STVC/3 30 F ABC VVV 7-00 TL 2,5 * 247 E0

TE Part #5-104809-2
03 MTE HDR SRST LATCH W/HLDWN

TE Part #1-215460-0
MICRO-MATCH FEM.SE

TE Part #1-825457-0
MOD 2 PINHDR 2X10P.



TE Part #965555-1
DECKEL FUER 965554



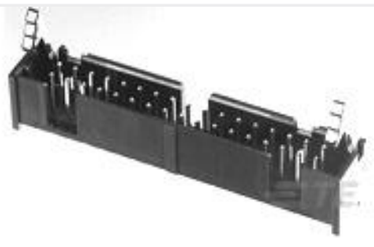
TE Part #6-1415027-1
SR6D4024



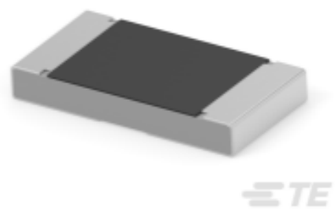
TE Part #1-1462038-3
IM03NS=IM RELAY 140mW 5V



TE Part #1746136-1
SHIELD FINGER 1520 AU PL VERSION



TE Part #2-1761608-7
IDC LOW PRO HDR 20P VERT SHT L



TE Part #7-2176526-6
3503G 2B 309R 1% 5K RL

Documents

Product Drawings

MOD I RECP STMPD

English

CAD Files

Customer View Model

ENG_CVM_CVM_86448-1_AA.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_86448-1_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_86448-1_AA.3d_stp.zip

English

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Product Specifications

Application Specification

English