3-86147-7 ✔ ACTIVE

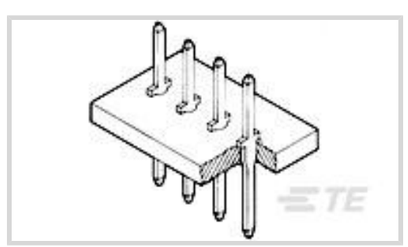
AMPMODU | AMPMODU MOD 1

TE Internal #: 3-86147-7

Pin Contact, Tin-Lead, Brass, -65 – 60 °C, AMPMODU MOD 1

View on TE.com >

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin-Lead**

Contact Base Material: **Brass**

Product Terminates To: **Printed Circuit Board**

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

Features

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	1200 V
Contact Resistance	12 mΩ

Contact Features

Contact Mating Area Length	10.16 mm[.4 in]
	100 – 200 µin
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Pin
Contact Mating Area Plating Material	Tin-Lead
Contact Base Material	Brass
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.18 mm[.125 in]
Product Terminates To	Printed Circuit Board

Usage Conditions

Operating Temperature Range	-65 – 60 °C

Packaging Features

Packaging Quantity	20000
Packaging Method	Strip

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

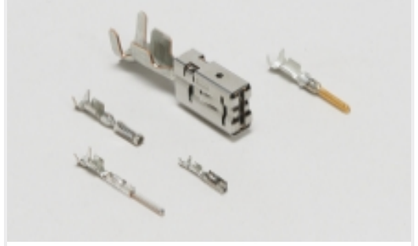
Product Compliance Disclaimer

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

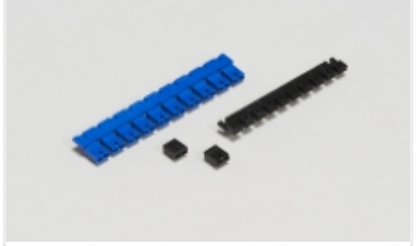
Compatible Parts

TE Part # 86434-1
MOD I RECP LP

Also in the Series | AMPMODU MOD 1

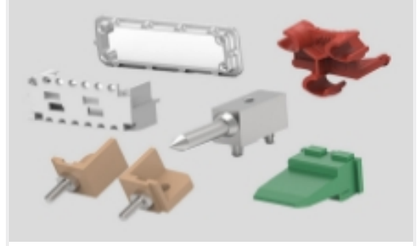


Automotive Terminals(4)



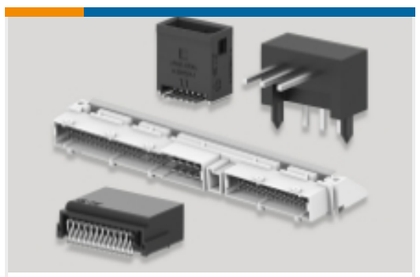
Board-to-Board Jumpers & Shunts(5)

Connector Contacts(96)



Connector Hardware(2)

Insertion & Extraction Tools(1)



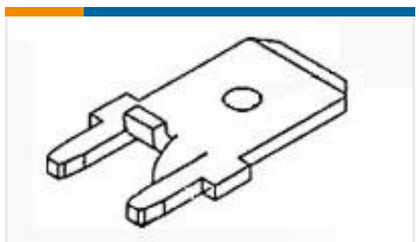
PCB Headers & Receptacles(109)

Wire-to-Board Connector Assemblies & Housings(16)

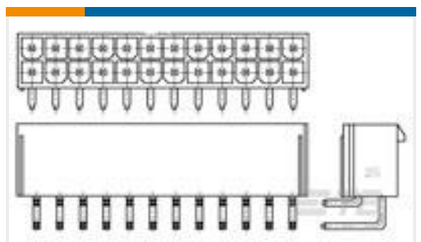
Customers Also Bought

TE Part #2-1462037-3
IM06GR=IM Relay 140mW 12V

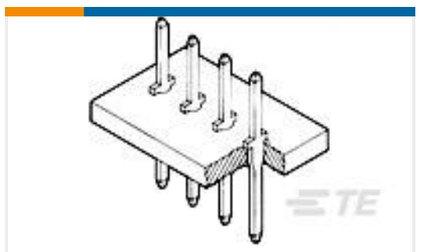
TE Part #2-967642-1
MQS, CONNECTOR HOUSING



TE Part #1217167-1
250 FASTON,PCB TAB,TCBR



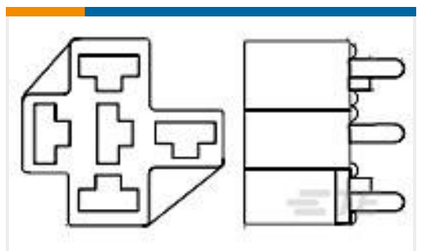
TE Part #1586041-6
6P VAL-U-LOK R/A HDR V2



TE Part #1-86182-5
MOD I POST LP

TE Part #6437288-1
SUPER SEAL 34POS CAP ASSY

TE Part #7-1452656-1
MCON 1.2 LL REC SRC SN



TE Part #1393310-3
VCF4-1000=FROM SEC

TE Part #1473836-1
PROTECTIVE HOUSING

Documents

Product Drawings

MOD I POST PLTD SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-86147-7_AM.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-86147-7_AM.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-86147-7_AM.3d_stp.zip

English

Product Specifications

Application Specification

English

AMPMODU Mod I And II Posts

English

Application Specification

Japanese

AMPMODU Mod I And II Posts

Japanese