85923-2 ✔ ACTIVE

AMPMODU | AMPMODU MOD 1

TE Internal #: 85923-2

AMPMODU MOD 1, PCB Mount Header, Vertical, 2 Position, 3.96 mm [.156in] Centerline, Breakaway, Gold, Printed Circuit Board

View on TE.com >

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Number of Positions: **2**

Centerline (Pitch): **3.96 mm [.156 in]**

Header Type: **Breakaway**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Header Type	Breakaway
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	2

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1200 VACrms
Contact Resistance	12 mΩ

Contact Features

Contact Mating Area Length	19.05 mm[.75 in]
	30 µin
Mating Tab Width	1.6 mm[.063 in]
Mating Tab Thickness	.79 mm[.031 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Type	Pin

Contact Current Rating (Max)	5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.79 mm[.031 in]
Rectangular Termination Post & Tail Width	.89 mm[.035 in]
Termination Post & Tail Length	3.18 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Keyed
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Black
Housing Material	Nylon

Dimensions

PCB Thickness (Recommended)	1.79 mm[.07 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C

Industry Standards

Approved Standards	CSA LR16455, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	504
Packaging Method	Carton

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: JAN 2021 (211)

	Candidate List Declared Against: JUL 2019 (201) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

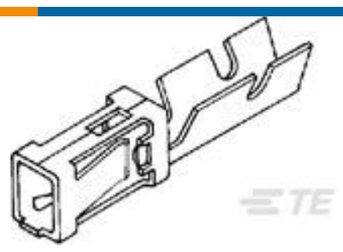
Product Compliance Disclaimer

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 # 85493-4
MOD I RECP LP



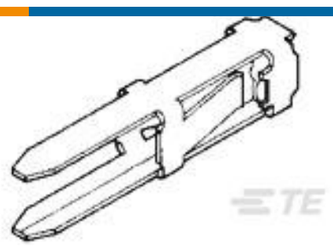
TE Part # 102099-2
MOD I RECP PLTD 30 SEL



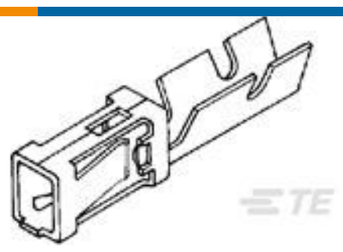
TE Part # 85487-4
MOD I RECP PLTD 30 SEL



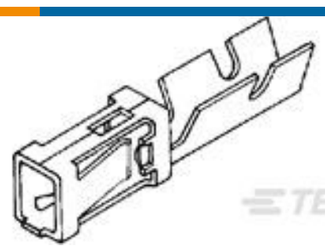
TE Part # 86432-8
MOD I RECP PLTD 30 SEL



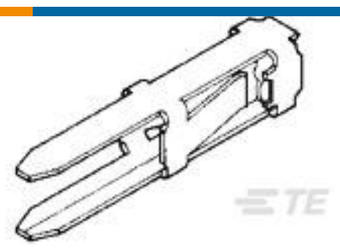
TE Part # 87772-2
MOD I RECP STMPD



TE Part # 102103-2
MOD I RECP LP



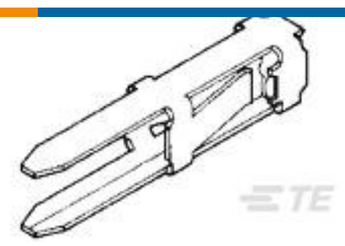
TE Part # 102106-2
MOD I RECP LP



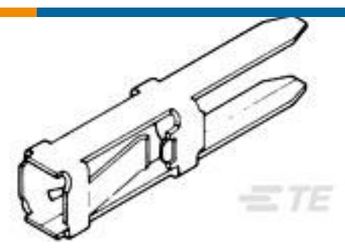
TE Part # 86480-2
MOD I RECP LP



TE Part # 2-826541-0
20P MOD 1 UNSHROUDED HEADER, ST, 0.8 Au



TE Part # 86477-2
MOD I RECP PLTD 30 SEL



TE Part # 87003-1
MOD I RECP PLTD 30 SEL



TE Part # 87986-2
02 MODI BDMNT RCPT SR .156CL

Also in the Series | AMPMODU MOD 1

Automotive Terminals(6)

Board-to-Board Connector Contacts (104)

Board-to-Board Headers & Receptacles(372)

Board-to-Board Jumpers & Shunts(5)



Insertion & Extraction Tools(1)



PCB Connector Keying(2)



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

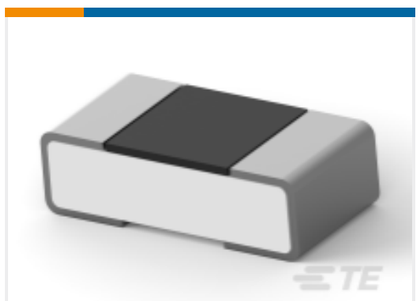


Wire-to-Board Connector Contacts(2)

Customers Also Bought



TE Part #4-1437652-6
6PCV-02-1339=SPECIAL 6 SERIES



TE Part #3-2176363-0
RQ 0402 866R 0.1% 10PPM 5K RL



TE Part #1-5645979-2
Mini Spring Sockets: Bullet Nose, 7.5A



TE Part #749721-3
AMPLIMITE D-Sub Receptacle Assembly: Vertical, 1.27mm



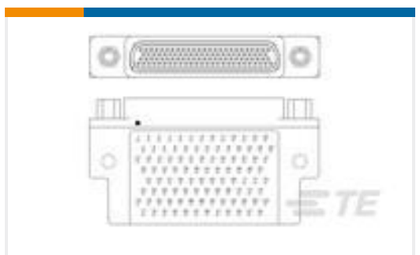
TE Part #1-103577-7
MACH APL BAND W/POST 15 DPLX



TE Part #1-640387-3
13P MTA156 HDR ASSY SQ R/A



TE Part #1-85839-2
12 MODI HDR SRST .156CL



TE Part #1532265-1
M83513/15-H01CN = MCKS-C2-B-100SRT1



TE Part #2-1617342-8
HFW1230G01M=M39016/6-112M



TE Part #390102-2
SHUNT, MULTI-POS 2X3 W/HANDLE

Documents

Product Drawings

02 MODI HDR SRST .156CL

English

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION_6_7AND8

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMPMODU HEADER ASSEMBLIES (WITH MOD I POSTS)

English