1-87258-0 ✔ ACTIVE

AMPMODU | AMPMODU MOD 1

TE Internal #: 1-87258-0

PCB Mount Header, Right Angle, Board-to-Board / Wire-to-Board, 10 Position, 3.96 mm [.156 in] Centerline, Unshrouded, Gold, AMPMODU MOD 1

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Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

Connector System: **Board-to-Board, Wire-to-Board**

Number of Positions: **10**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board, Wire-to-Board
Header Type	Unshrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	10
Number of Rows	1
Board-to-Board Configuration	Perpendicular

Electrical Characteristics

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

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Length	12.7 mm[.5 in]
	15 µin

Mating Tab Width	1.58 mm[.062 in]
Mating Tab Thickness	.79 mm[.031 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
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	1.58 mm[.062 in]
Termination Post & Tail Length	6.99 mm[.275 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Keyed
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Thermoplastic

Dimensions

PCB Thickness (Recommended)	1.6 mm[.06 in]

Usage Conditions

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

Industry Standards

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

Packaging Features

Packaging Quantity	50
Packaging Method	Carton

Product Compliance

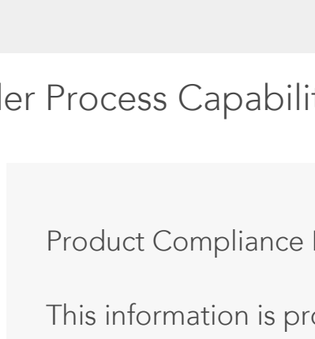
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 240°C

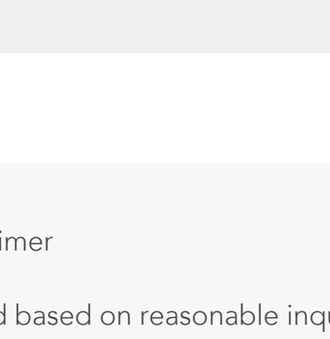
Product Compliance Disclaimer

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

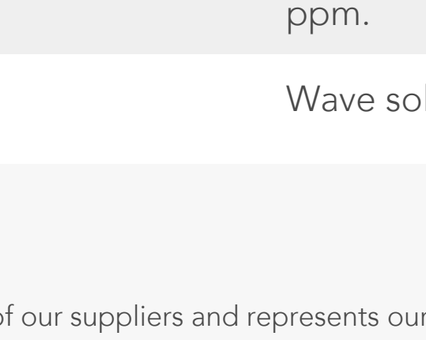
Compatible Parts



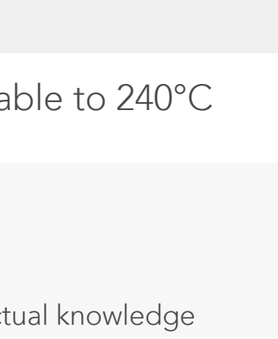
TE Part # 85493-4
MOD I RECP LP



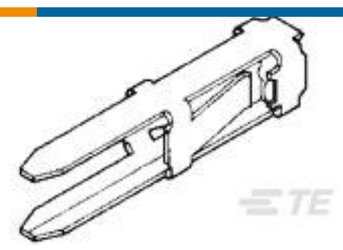
TE Part # 102099-2
MOD I RECP PLTD 30 SEL



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



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



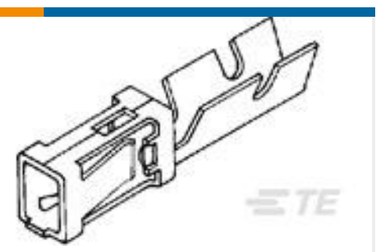
TE Part # 87772-2
MOD I RECP STMPD



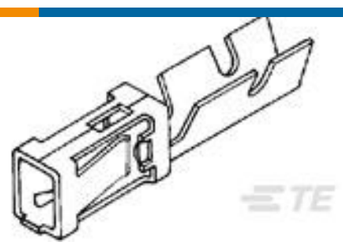
TE Part # 87984-8
08 MODI BDMNT RCPT SR .156CL



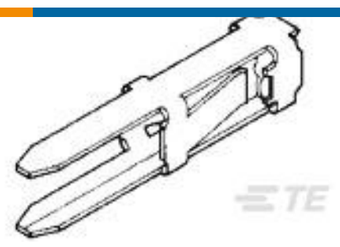
TE Part # 1-87986-0
10 MODI BDMNT RCPT SR .156CL



TE Part # 102103-2
MOD I RECP LP



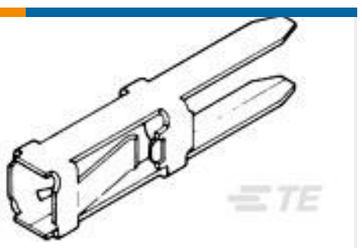
TE Part # 102106-2
MOD I RECP LP



TE Part # 86480-2
MOD I RECP LP



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



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

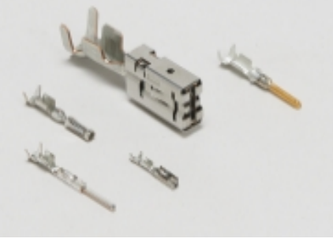


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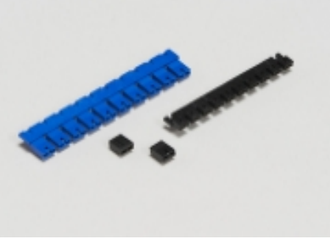


TE Part # 87984-2
02 MODI BDMNT RCPT SR .156CL

Also in the Series | AMPMODU MOD 1



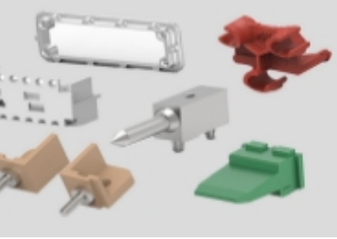
Automotive Terminals(4)



Board-to-Board Jumpers & Shunts(5)



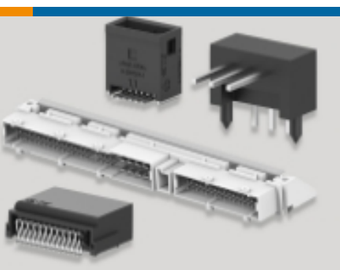
Connector Contacts(106)



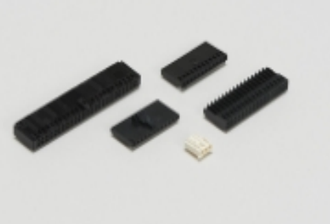
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(341)



Wire-to-Board Connector Assemblies & Housings(20)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



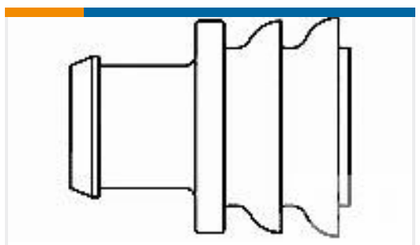
TE Part #W2S
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141
DEUTSCH Solid Contacts



TE Part #282104-1
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT

Documents

Product Drawings

10 MODI HDR SRRA .156CL

English

Product Specifications

Product Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

SBCHE64R7K 1-962915-1 ROX05SJ18R SBCHE154R7K SMW73R0JT 1393431-1 1903112-2 2380312-2 RH73H2A40MKTN TE50BR39J 1-794222-0 917696-1 MPT100C18RF 2834055-1 CRGCQ2010J3K3 1743455-2 2005330-1 650075-000 CPF0402B37K4E1 141991-2 2-292161-3 3-1393225-0 3631B101LL U5254-000005-030PA 936348-1 175977-2 1969656-1 2310537-1 2377783-2 3430B2F51RTDF