

87258-3 ✓ ACTIVE

AMPMODU | AMPMODU MOD 1

TE Internal #: 87258-3

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

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Right Angle**

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

Features

Contact Features

	15 μ m
Contact Mating Area Plating Material Thickness	.38 μ m[15 μ m]
Mating Tab Width	1.58 mm[.062 in]
Contact Mating Area Length	12.7 mm[.5 in]
Contact Base Material	Brass
Mating Tab Thickness	.79 mm[.031 in]
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	5 A

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

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

Configuration Features



Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Perpendicular
PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1

Electrical Characteristics

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

Body Features

Primary Product Color	Black
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Termination Features

Rectangular Termination Post & Tail Width	1.58 mm[.062 in]
Rectangular Termination Post & Tail Thickness	.79 mm[.031 in]
Termination Post & Tail Length	6.99 mm[.275 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

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

Dimensions

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

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

Circuit Application	Power & Signal
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Industry Standards

Compatible With Approved Standards Products	UL E28476, CSA LR16455
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UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity

248

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 # 87984-3
03 MODI BDMNT RCPT SR .156CL

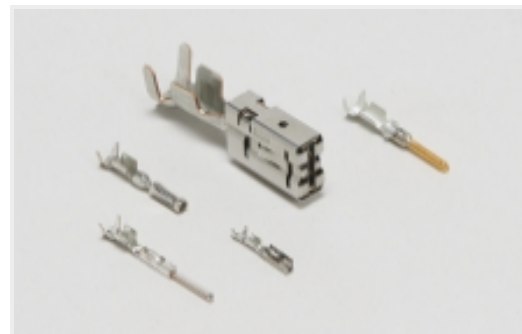


TE Part # 87988-3
03 MODI BDMNT RCPT SR .156CL

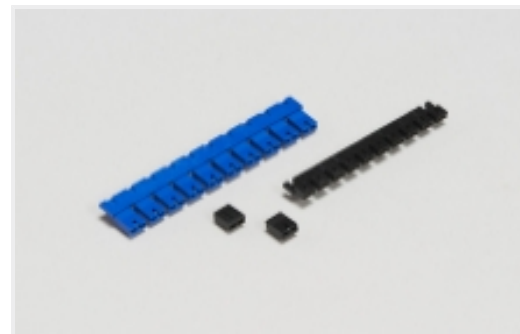


TE Part # 87989-3
03 MODI BDMNT RCPT SR .156CL

Also in the Series | AMPMODU MOD 1



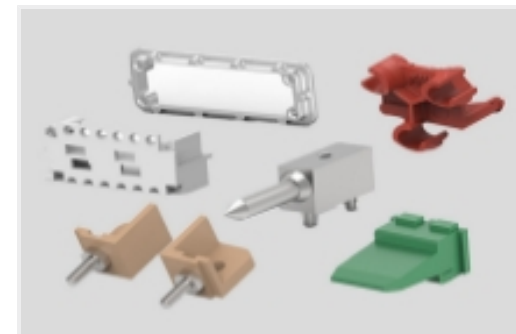
Automotive Terminals(4)



Board-to-Board Jumpers & Shunts(5)



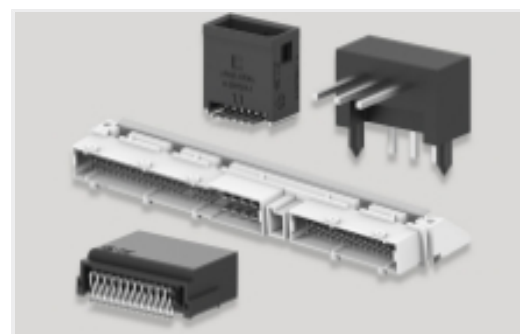
Connector Contacts(75)



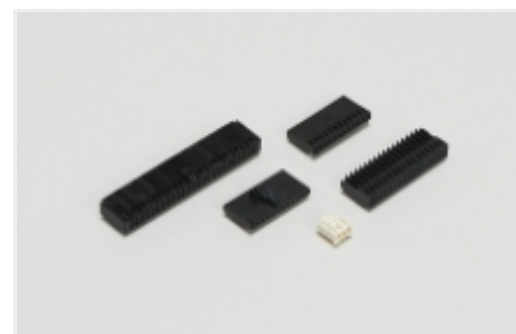
Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(105)



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

Customers Also Bought



TE Part #5747190-4
D-Sub Receptacle Assembly: Vertical,
Shell Size 1, 2.74mm



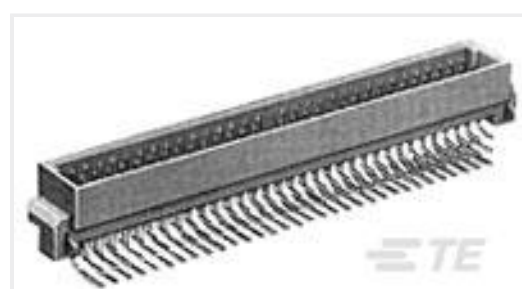
TE Part #1734037-7
Champ 050 series, 68pos, Au over PdNi



TE Part #1734100-7
Champ050 series, 68pos, Au over PdNi



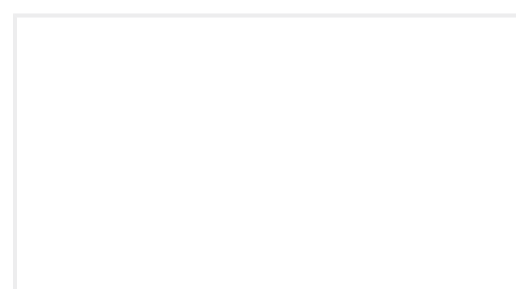
TE Part #640389-3
03P MTA156 HDR ASSY SQ R/A F/L



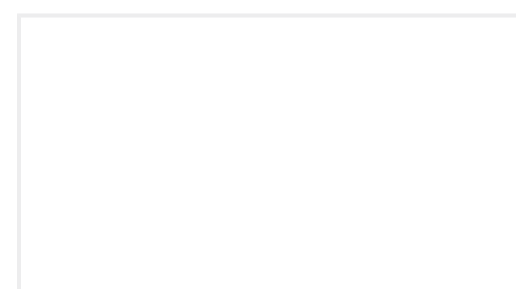
TE Part #5148020-5
ASSY,PIN,EURO, 'C/2', L-FREE, 48



TE Part #5650910-5
ASSY,PIN,EUROCARD, TYPE R, LEAD-FREE, 120 P



TE Part #1SNA166529R2000
FIC-2/4-R



TE Part #374219-E
ERMBGR FBUK GSE * M4 9999
ERMET-BAUSATZ

Documents

Product Drawings

[03 MODI HDR SRRA .156CL](#)

English

Product Specifications

[Product Specification](#)

English

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