



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: **3**

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	3
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
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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 Printed Circuit Board	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)	1.79 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

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

Packaging Features

Packaging Quantity	248
Packaging Type	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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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(6)



Board-to-Board Connector Contacts (107)



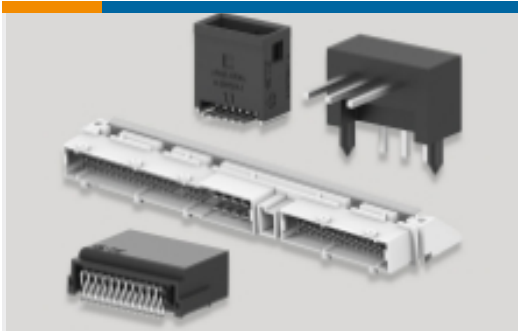
Board-to-Board Jumpers & Shunts(5)



Insertion & Extraction Tools(1)



PCB Connector Keying(2)



PCB Headers & Receptacles(358)



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



Wire-to-Board Connector Contacts(2)

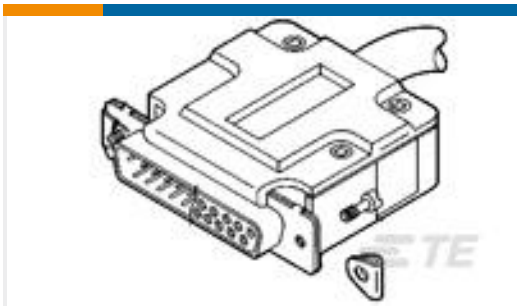
Customers Also Bought



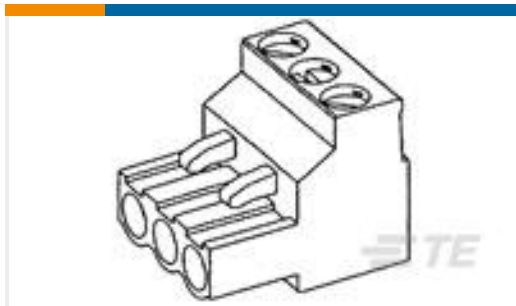
TE Part #1-5747150-6  
09 RCPT SP/FMS SCRLK



TE Part #227161-1  
RTANG JK W/MTG PINS, BNC PCB



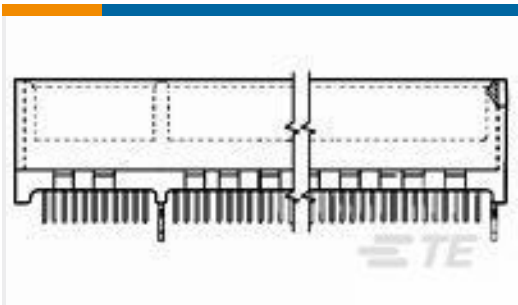
TE Part #5207908-1  
STRAIN RELIEF W/SCREW RET KIT



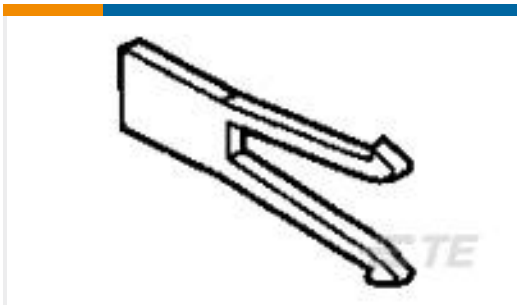
TE Part #796634-6  
6 POS 5.08MM R/A PLUG,TRM BLK



TE Part #796690-5  
TERMI-BLOK PCB MOUNT 5P



TE Part #1-5145167-2  
STANDARD EDGE .050 SERIES 60 DUAL ASSY



TE Part #583764-1  
KEYING PLUG



TE Part #350180  
TEST PROBE ASSEMBLY, REC, PA66, BLACK



TE Part #3-1437667-1  
4DB-P108-08=4DB ASSEMBLY



TE Part #87258-4  
04 MODI HDR SRRA .156CL

Documents



Product Drawings

03 MODI HDR SRRA .156CL

English

Datasheets & Catalog Pages

AMPMODU\_INTERCONNECTION\_SYSTEM\_SECTION\_6\_7AND8

English

Product Specifications

Product Specification

English