



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Right Angle**

Connector System: **Board-to-Board**

Number of Positions: **5**

Number of Rows: **1**

Features

Product Type Features

Applied Pressure	Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	No
PCB Mount Orientation	Right Angle
Number of Positions	5
Number of Rows	1
Board-to-Board Configuration	Perpendicular

Electrical Characteristics

Insulation Resistance	5000 MΩ
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Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	1.27 μm[50 μin]
Contact Layout	Inline



Mating Tab Width	1.58 mm[.062 in]
Mating Tab Thickness	.79 mm[.031 in]
PCB Contact Termination Area Plating Material	Gold Flash
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Type	Socket
Contact Current Rating (Max)	5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Rectangular Termination Post & Tail Width	1.02 mm[.04 in]
Termination Post & Tail Length	3.68 mm[.145 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	PA66

Dimensions

Connector Height	7.62 mm[.3 in]
PCB Thickness (Recommended)	1.4 – 2.62 mm[.055 – .103 in]

Usage Conditions

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

Assembly Process Feature	None
Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR16455, UL E28476
UL Flammability Rating	UL 94V-2



Packaging Features

Packaging Quantity	130
Packaging Method	Tube

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 # 87247-8 08 MOD1 HDR SRST .156CL	 TE Part # 86181-2 MOD1 KEYING PLUG	 TE Part # 87633-5 05 MOD1 HDR SRST .156CL	 TE Part # 1-826539-5 15P MOD 1 UNSHROUDED HEADER, ST, 0.8 Au
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TE Part # 1-826540-5
15P MOD 1 UNSHROUDED HEADER,
ST, 0.8 Au

TE Part # 1-826544-5
15P MOD1 UNSHROUDED HEADER,
ST, 0.8 Au

TE Part # 1-827872-5
15P MOD1 UNSHRD HDR, P 5.08, ST,
0.8 Au

TE Part # 1-827873-8
18P MOD1 UNSHRD HDR, P 5.08, ST,
0.8 Au

TE Part # 85923-5
05 MOD1 HDR SRST .156CL

TE Part # 87258-5
05 MOD1 HDR SRRA .156CL

TE Part # 87632-5
05 MOD1 HDR SRRA .156CL

TE Part # 1-87632-2
12 MOD1 HDR SRRA .156CL

TE Part # 1-87654-8
18 MOD1 HDR SRRA .156CL

TE Part # 2-826540-2
22P MOD 1 UNSHROUDED HEADER,
ST, 0.8 Au

TE Part # 2-826540-8
28P MOD 1 UNSHROUDED HEADER,
ST, 0.8 Au

TE Part # 2-826541-2
22P MOD 1 UNSHROUDED HEADER,
ST, 0.8 Au

TE Part # 2-826541-8
28P MOD 1 UNSHROUDED HEADER,
ST, 0.8 Au

TE Part # 2-826544-8
28P MOD1 UNSHROUDED HEADER,
ST, 0.8 Au

TE Part # 2-826546-2
22P MOD1 UNSHROUDED HEADER,
ST, 0.4 Au

TE Part # 2-826546-8
28P MOD1 UNSHROUDED HEADER,
ST, 0.4 Au

Also in the Series | AMPMODU MOD 1

Automotive Terminals(4)

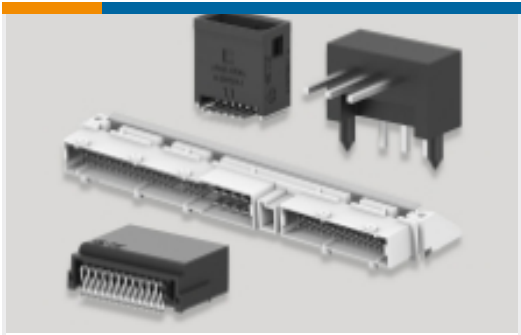
Board-to-Board Jumpers & Shunts(5)

Connector Contacts(106)

Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(341)



Wire-to-Board Connector Assemblies & Housings(32)

Customers Also Bought



TE Part #3-644613-4
04P MTA156 HDR RA PO WO PEG LF



TE Part #5-520315-6
TRIOMATE ASSY V 6P L=3.556LDFR



TE Part #5-103904-4
5 MTE HDR SRRA LATCH W/HLDWN



TE Part #5749231-1
Mini DIN, 6 pos, R/A, Shield



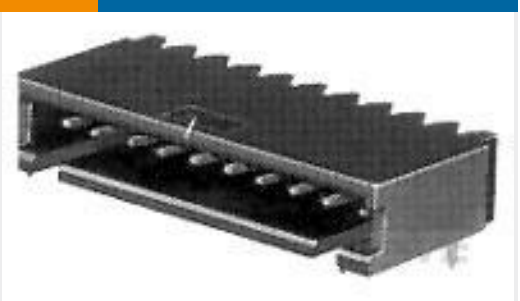
TE Part #3-5331272-5
SOCKET,MIN-SPR SN-AU SER-2



TE Part #3-1879233-7
SMW5 3R3 5%



TE Part #5650466-5
ASSEMBLY,RECEPTACLE,EURO,TYPE



TE Part #5-102203-1
04 MODII HDR SRRA SHRD LF



TE Part #7-2151020-7
OCEAN_2.0_SPARE_PART_KIT-055F0620



TE Part #144768-E
ERMEZT FST GSE NIP 1 *** 9,7 FUEHRUNGS

Documents

Product Drawings

05 MODI BDMNT RCPT SR .156CL

English

Product Specifications

Product Specification

English