



Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Horizontal, Right Angle**

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

Number of Positions: **5**

Number of Rows: **1**

Features

Product Type Features

Applied Pressure	High, Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Horizontal, Right Angle
Number of Positions	5
Number of Rows	1

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	333 VAC

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
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PCB Contact Termination Area Plating Material Thickness	3.81 – 7.62 µm
Contact Layout	Inline
Contact Shape & Form	Short Point
Contact Mating Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.81 – 7.62 µm[150 – 300 µin]
Contact Type	Socket
Contact Current Rating (Max)	2 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.69 mm[.027 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Polyester - GF

Dimensions

Connector Height	3.48 mm[.137 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	.32 mm[.013 in]
PCB Thickness (Recommended)	1.02 mm[.04 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

Solder Process Feature	Board Standoff
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Circuit Application

Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000
Packaging Type	Reel

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 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 260°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

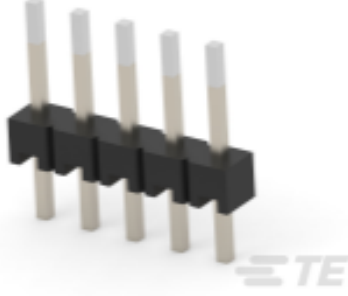




TE Part # 86286-1
KEYING PLUG



TE Part # 87348-5
05 MODII HDR SRST UNSHRD .100

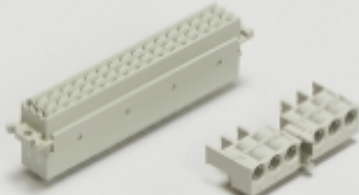


TE Part # 5-146282-5
05 MODII HDR SRST B/A .100CL

Also in the Series | AMPMODU IV/V



Automotive Housings(1)



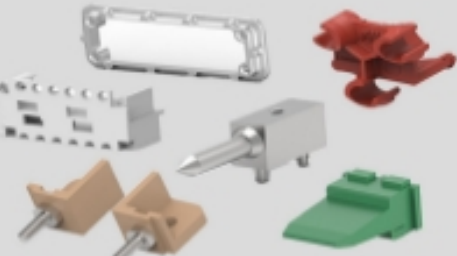
Backplane Connector Housings(1)



Connector Caps & Covers(18)



Connector Contacts(322)



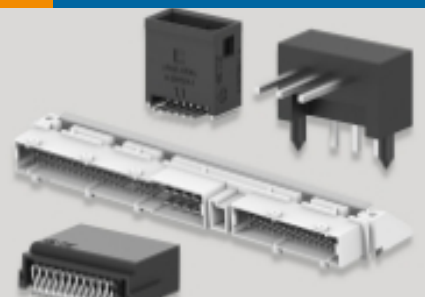
Connector Hardware(13)



Connector Strain Relief(3)



Insertion & Extraction Tools(4)



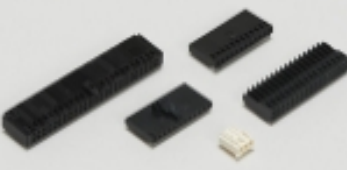
PCB Headers & Receptacles(931)



Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(444)

Customers Also Bought



TE Part #1734099-4
Champ 050 series,plug assembly



TE Part #5-1625892-3
3W SM M/OX 5% 47K



TE Part #5-2176089-9
RP 1J 0.166W 45K3 0.1% 25PPM 1K RL



TE Part #2307819-4
4P,2MM,BB,REC,DRV,T,SMD,AU.76,TR,W/CP



TE Part #9-2176407-6
3560 120R 5%

TE Part #1-2176306-1
RP 1E 0.1W 1K47 0.1% 25PPM 5K RL

TE Part #5-2176306-1
RP 1E 0.1W 3K83 0.1% 25PPM 5K RL

TE Part #5-1814832-2
SMA Str PCB Skt GZD

TE Part #2176579-4
RLC73V 2B R013 1% 1K RL

Documents

Product Drawings

05 MODII HORZ SR SFMNT SN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5147733-4_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5147733-4_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5147733-4_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION5

English