



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **10**

Number of Rows: **1**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

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

Configuration Features

Stackable	No
Number of Positions	10
Number of Rows	1
PCB Mount Orientation	Right Angle
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

Mating Tab Width	1.58 mm[.062 in]
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PCB Contact Termination Area Plating Material Thickness	2 µm[79 µin]
Contact Layout	Inline
Contact Base Material	Phosphor Bronze
Mating Tab Thickness	.79 mm[.031 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.01 µm[79 µin]
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Socket
Contact Current Rating (Max)	5 A

Termination Features

Rectangular Termination Post & Tail Width	1.02 mm[.04 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	2.85 mm[.112 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	PA 66

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

Circuit Application	Signal
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Industry Standards

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



Packaging Features

Packaging Quantity	65
Packaging Method	Tube

Product Compliance

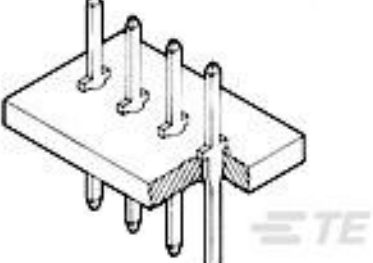
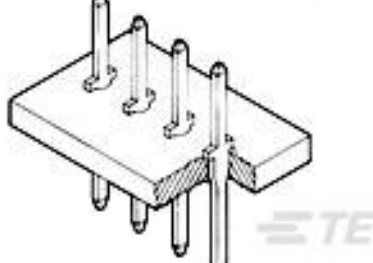
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

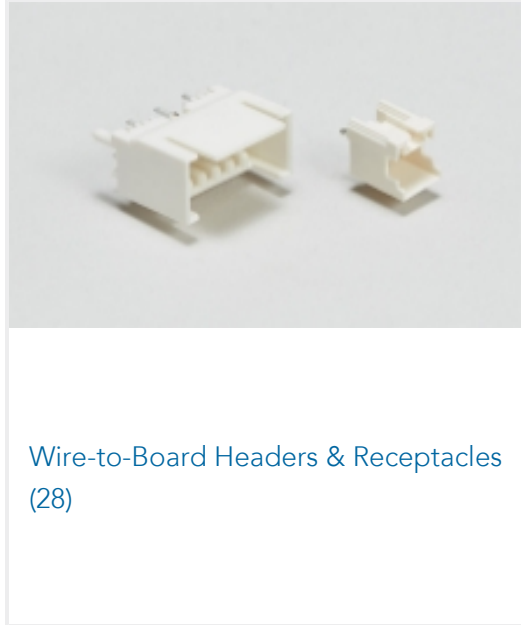
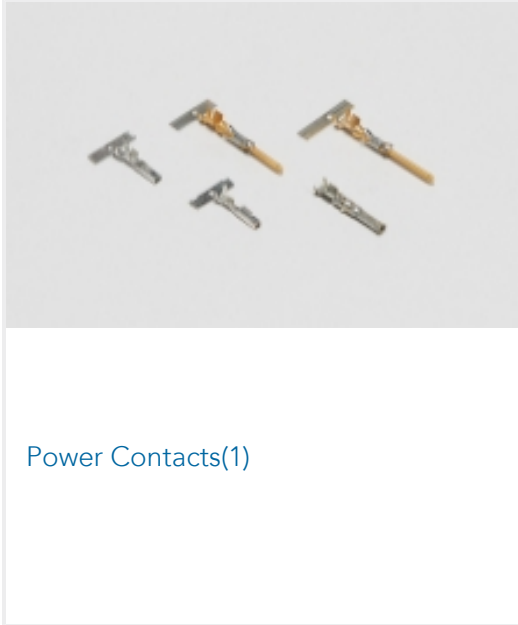
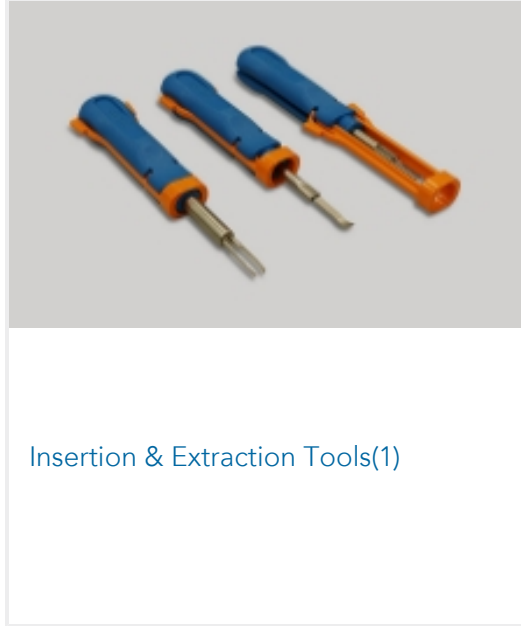
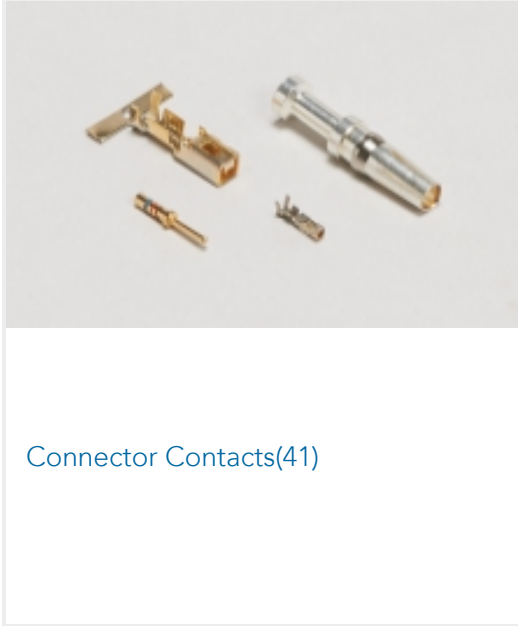
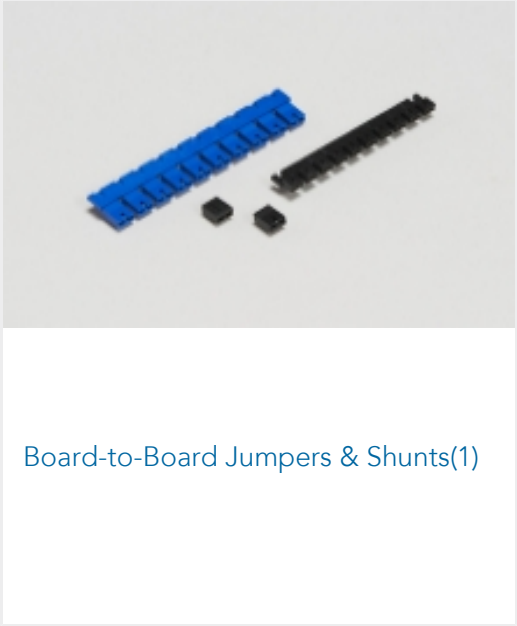
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

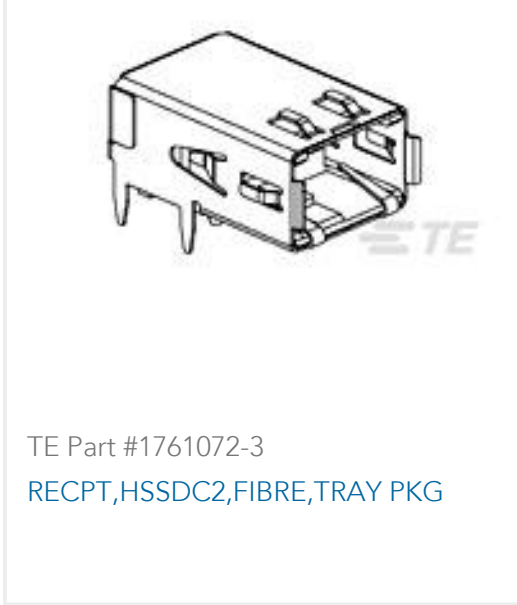
 TE Part # 6-87160-1 10 MOD1 HDR SRST .156CL, ROHS	 TE Part # 1-826576-5 15P MOD 1 UNSHROUDED HEADER, ST, TIN	 TE Part # 2-5086182-2 MOD I POST LP, ROHS	 TE Part # 1-5086147-0 MOD I POST PLTD SN, ROHS
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Also in the Series | AMPMODU MOD 1



Customers Also Bought





Documents

Product Drawings

[10 MODI BDMNT RCPT SR .156CL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-87987-0_S.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-87987-0_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-87987-0_S.3d_stp.zip](#)

English

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Product Specifications

[Product Specification](#)

English