



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **15**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	1
Stackable	No
Number of Signal Positions	15
PCB Mount Orientation	Right Angle
Number of Positions	15

Electrical Characteristics

Insulation Resistance	5000 MΩ
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Body Features

Connector Profile	Standard
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Contact Features

Contact Layout	Inline
Mating Square Post Dimension	.64 mm[.025 in]
Contact Underplating Material Thickness	1.27 μm[50 μin]



Contact Shape & Form	Dual Tine
Contact Underplating Material	Nickel
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	.381 μm[15 μin]
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.21 mm[.009 in]
Rectangular Termination Post & Tail Width	.76 mm[.03 in]
Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	None
PCB Mount Retention Type	None
Mating Alignment	Without
Mating Alignment Type	None
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Black
Housing Material	LCP (High Temp Thermoplastic)

Dimensions

Connector Length	38.6 mm[1.52 in]
Connector Height	4 mm[.159 in]
Connector Width	8.7 mm[.343 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

Usage Conditions

Housing Temperature Rating	Standard
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Operating Temperature Range

-65 – 125 °C[-85 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	42
Packaging Method	Tray

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

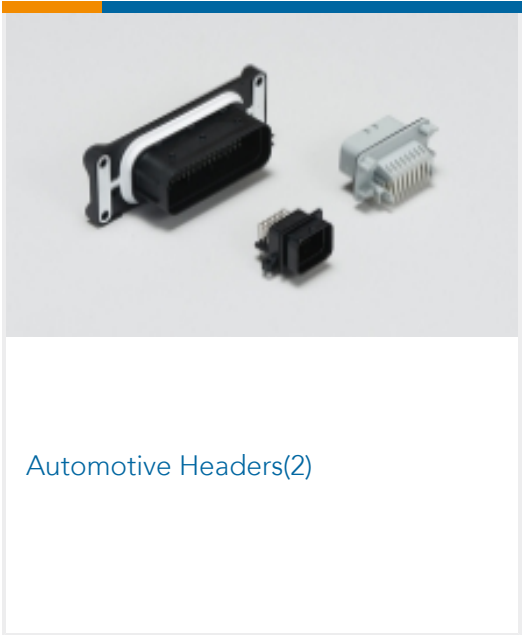
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

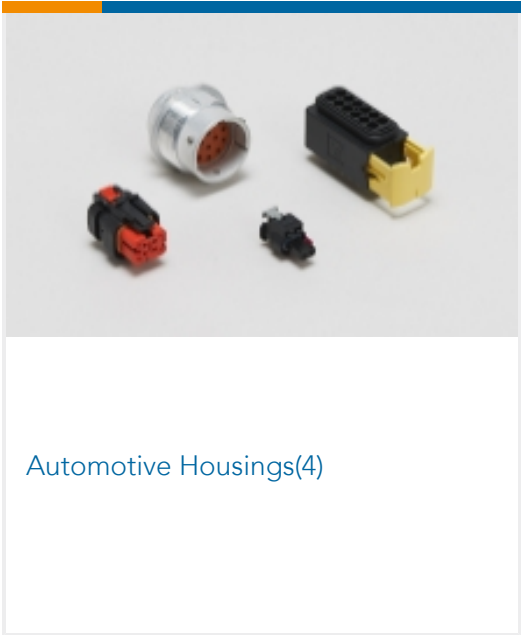


TE Part # 281336-1
MODU II SGL ROW 12P REC.ASSY,
TIN, HMT

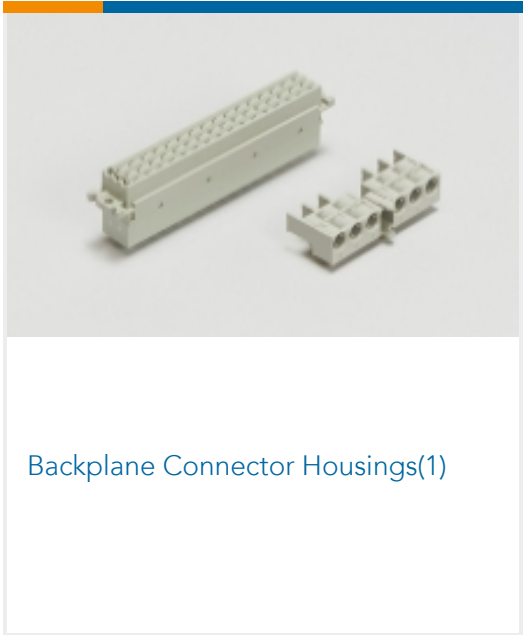
Also in the Series | AMPMODU IV/V



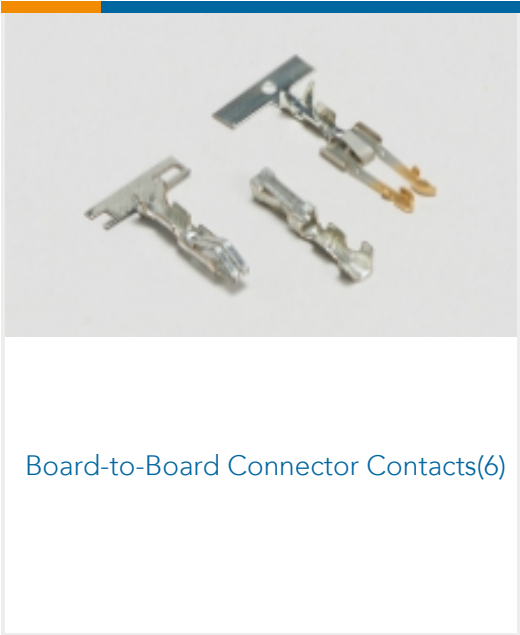
Automotive Headers(2)



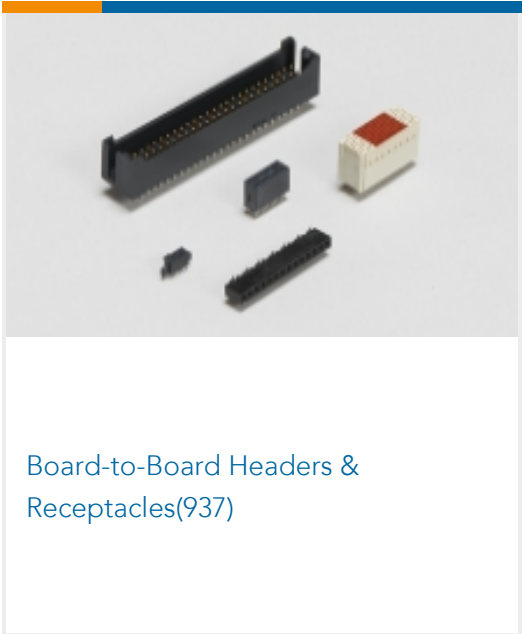
Automotive Housings(4)



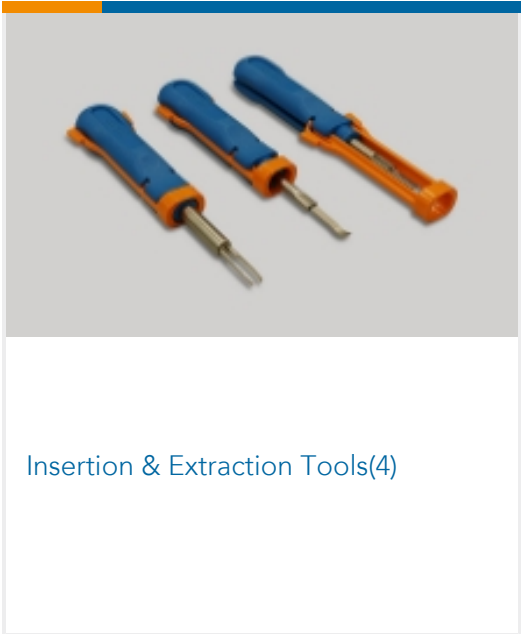
Backplane Connector Housings(1)



Board-to-Board Connector Contacts(6)



Board-to-Board Headers &
Receptacles(937)



Insertion & Extraction Tools(4)



PCB Connector Covers(18)



PCB Connector Keying(6)



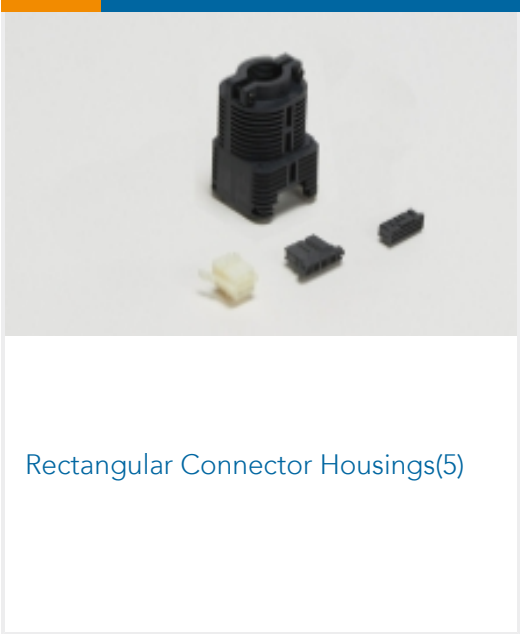
PCB Connector Mounting(1)



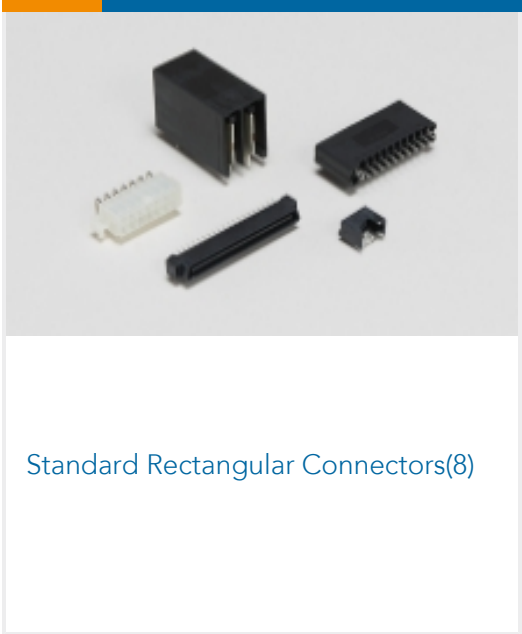
PCB Connector Strain Relief(3)



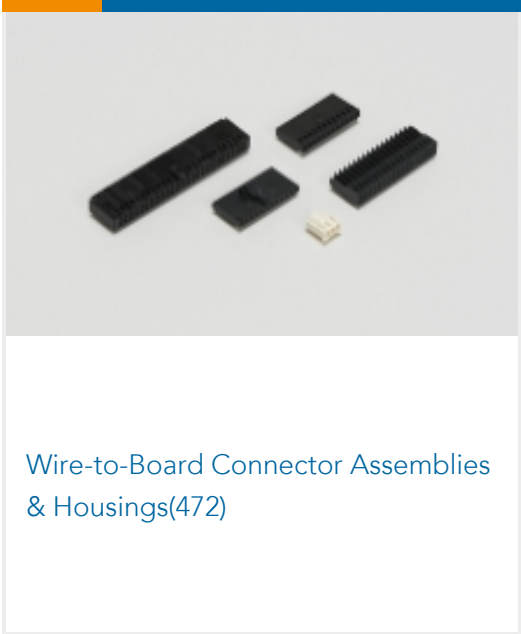
PCB Latches, Locks & Retainers(9)



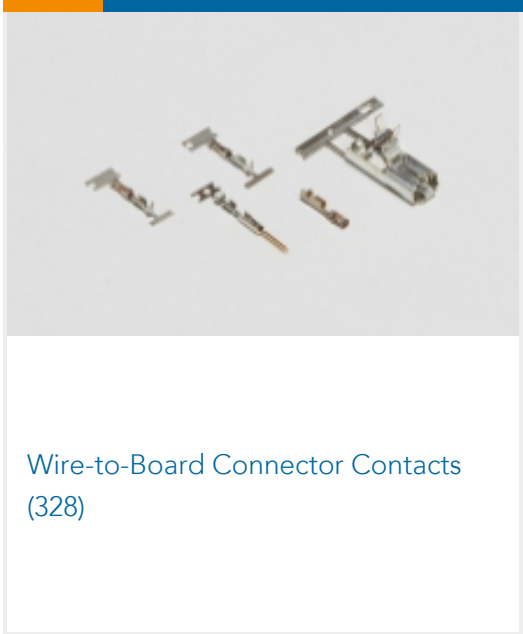
Rectangular Connector Housings(5)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies
& Housings(472)



Wire-to-Board Connector Contacts
(328)

Customers Also Bought





TE Part #1415015-1
Forced Guided Relay, Reinforced Insulate



TE Part #1-50871-8
Mini Spring Sockets: Open Bottom, 7.5 A



TE Part #1-338086-3
RJ25 Connectors



TE Part #1-2176058-3
Thick Film Resistor: Current Sense



TE Part #1-1825007-6
DRD16E04=ROT DIP,16P



TE Part #1-1625892-5
3W SM M/OX 5% 150R



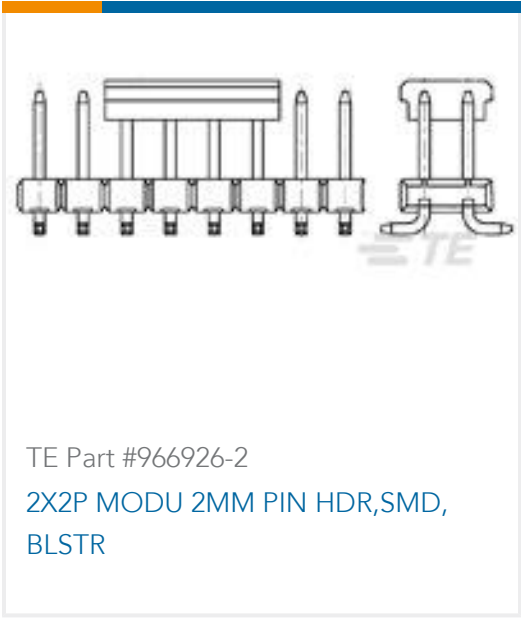
TE Part #1676349-6
RN 0805 47K 0.1% 10PPM CUT LENGTH



TE Part #1676339-1
RN 0805 42K2 0.1% 10PPM CUT LENGTH



TE Part #1649329-4
RTE24012



TE Part #966926-2
2X2P MODU 2MM PIN HDR,SMD, BLSTR

Documents

Product Drawings

MOD II SGL ROW 15P REC. ASSY HMT, Au

English

CAD Files

Customer View Model

ENG_CVM_280581-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_280581-2_H.3d_stp.zip

English

Customer View Model

ENG_CVM_280581-2_H.2d_dxf.zip

English

3D PDF

English

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

Product Specifications



Product Specification

English

Product Environmental Compliance

TE Material Declaration

English