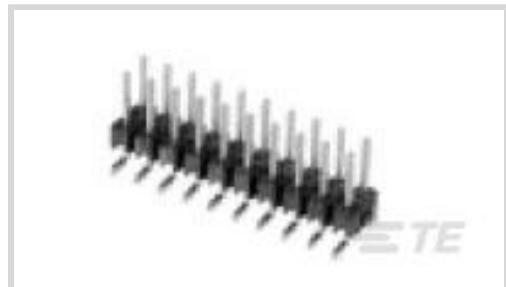


Connectors > PCB Connectors > Multiple Configuration PCB Connectors > Multiple Config PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Number of Positions: **80**

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

Sealable: **No**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Header Type	Breakaway

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	80
Number of Rows	2

Body Features

Connector Profile	Standard
Post Size	.64 mm[.025 in]

Contact Features

Mating Post Length	5.85 mm[.23 in]
PCB Contact Termination Area Plating Material Thickness	3.81 μ m[150 μ in]
Contact Mating Area Plating Material	Tin
Contact Shape	Square
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel

PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Type	Pin

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Strain Relief	Without
Mating Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	2.54 mm [.1 in]
Housing Color	Black

Dimensions

Row-to-Row Spacing	2.54 mm [.1 in]
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Operation/Application

Solder Process Feature	Board Standoff
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Other

Position Locations Omitted	None
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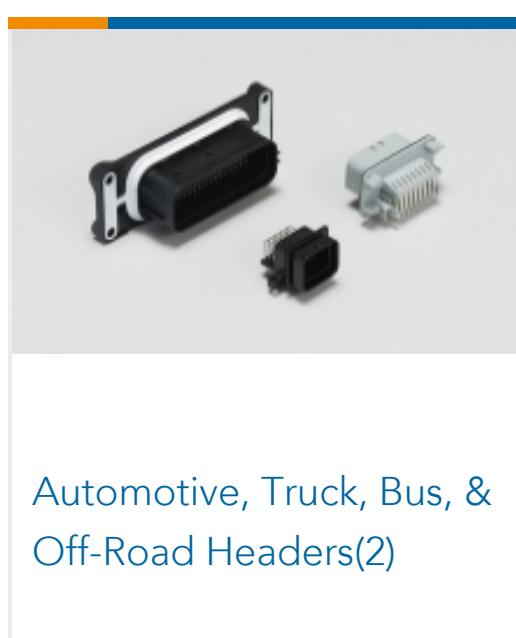
Product Compliance

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

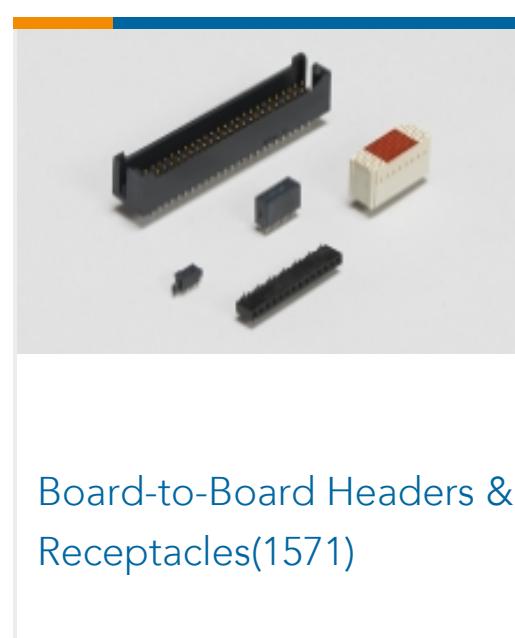
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JUN 2016 (169)
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | AMPMODU Headers



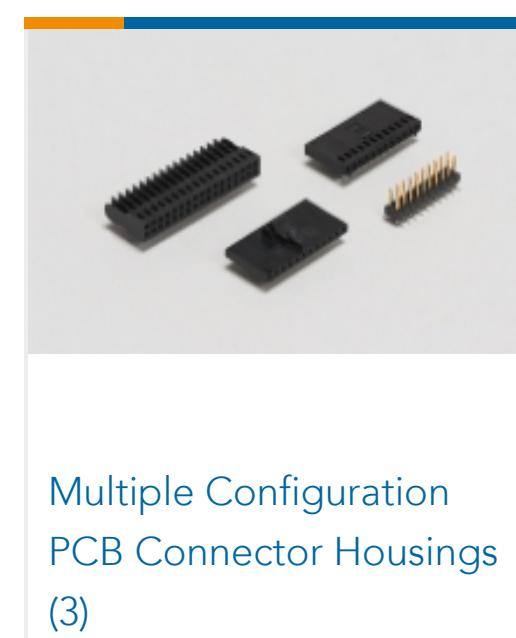
Automotive, Truck, Bus, & Off-Road Headers(2)



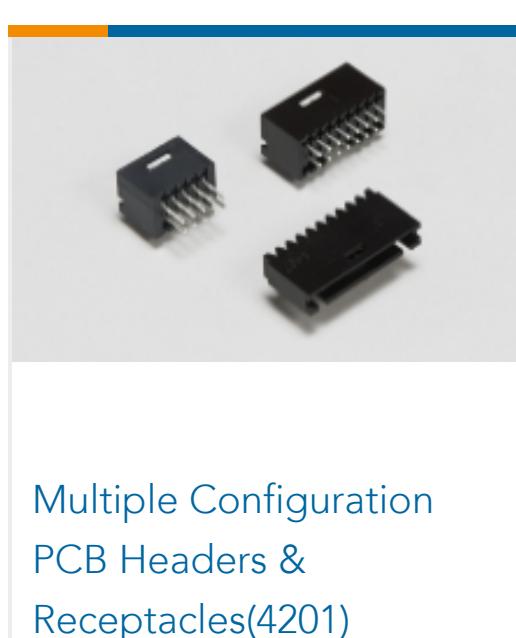
Board-to-Board Headers & Receptacles(1571)



Multiple Configuration PCB Connector Contacts (75)



Multiple Configuration PCB Connector Housings (3)



Multiple Configuration PCB Headers & Receptacles(4201)



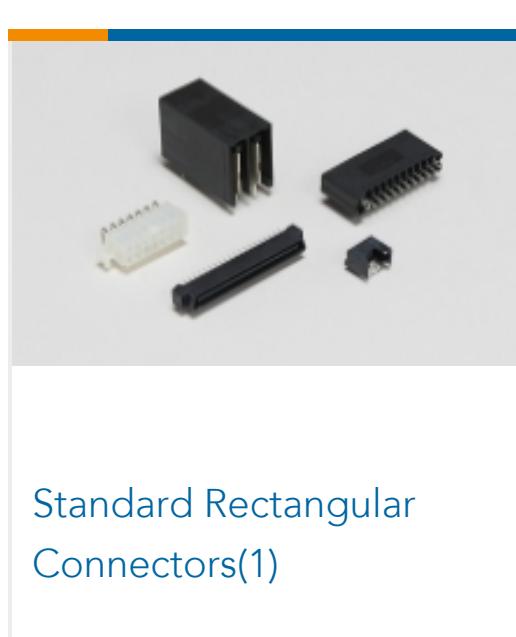
PCB Connector Mounting (1)



PCB Connector Shrouds(1)

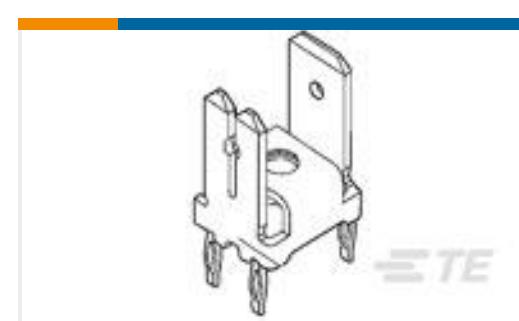


PCB Latches, Locks & Retainers(2)



Standard Rectangular Connectors(1)

Customers Also Bought

TE Part #5177986-4
0.8FH,P05H.5,100,08/Sn,TR,
SCTE Part #1393481-5
V23529B1225C209=SUB D
STIFTLEITE Part #5569026-1
MJ,LPF,R/A,6P,HTNTE Part #4-1879021-7
SMW3 8R2 5%TE Part #2007435-3
Std HDMI, Flag, T/HTE Part #6-969982-8
AMPMODU II Action Pin
Header, dual rowTE Part #216905-1
POSITIVE LOCK POWER
RECEPTACLE TPPHBRZTE Part #1879026-1
YR1 0.1% 10R2TE Part #7-1879026-6
YR1 0.1% 41R2TE Part #829576-8
2X 8P HV100 REC CON.B
/TE,6.2,SN,NO KINK

Documents

CAD Files

[3D PDF](#)
[3D](#)
[Customer View Model](#)
[ENG_CVM_CVM_2-146134-0_U.2d_dxf.zip](#)
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