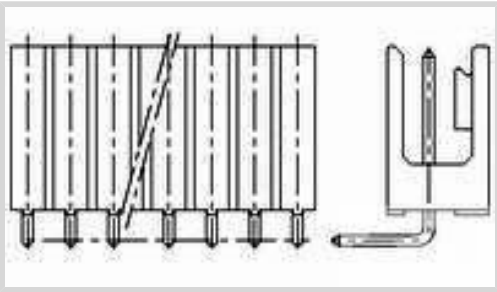




Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **5**

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

Features

Product Type Features

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

Configuration Features

Number of Rows	1
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	5
Board-to-Board Configuration	Right Angle

Electrical Characteristics

Insulation Resistance	5000 MΩ
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Body Features

Connector Profile	Standard
Post Size	.63 mm[.0248 in]

Contact Features

PCB Contact Termination Area Plating Material Thickness	3 μm
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Contact Shape & Form	Round
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	CuZn
Contact Mating Area Plating Material	Gold Flash
Contact Type	Pin
Contact Current Rating (Max)	3 A

Termination Features

Termination Post & Tail Length	3.175 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Retention	With
Mating Retention Type	Detent Latching
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 Color	Black
Housing Material	PA 4.6

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Housing Temperature Rating	Standard
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

Approved Standards	UL
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UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity	250
Packaging Method	Carton

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 2020 (205) Not Yet Reviewed
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 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.

Compatible Parts



TE Model / Part # 926475-5
MOD 4 HSG

Also in the Series | AMPMODU Headers



Automotive, Truck, Bus, & Off-Road Headers(10)



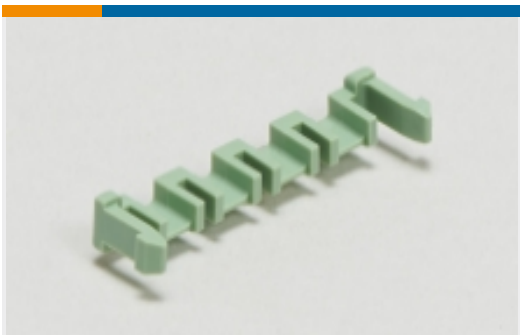
Board-to-Board Headers & Receptacles(5302)



PCB Connector Mounting(1)



PCB Connector Shrouds(1)



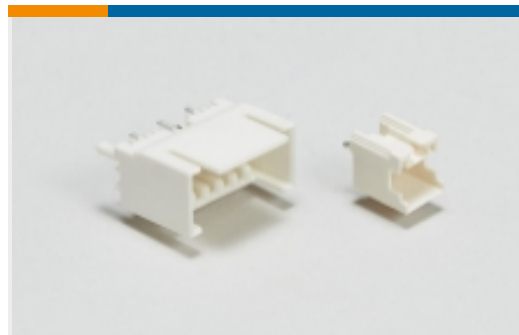
PCB Latches, Locks & Retainers(2)



Wire-to-Board Connector Assemblies & Housings(3)

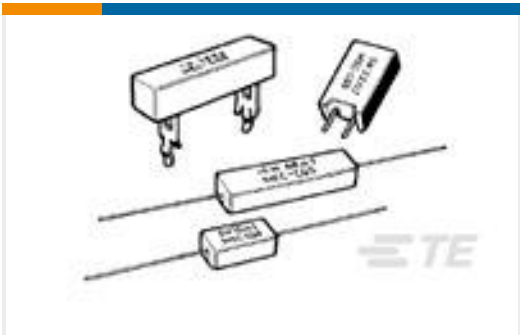


Wire-to-Board Connector Contacts(45)



Wire-to-Board Headers & Receptacles (76)

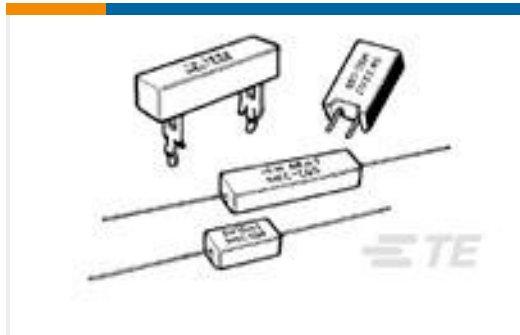
Customers Also Bought



TE Model / Part #1623785-4
SQM10 47R 5% (WIRE)



TE Model / Part #5555153-5
MJ,LPF,R/A,8P,PCBG,PSTP.11TTR



TE Model / Part #1623790-3
SQM10S 47R 5% LP (WIRE)



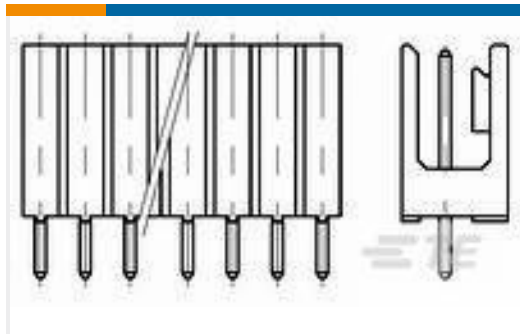
TE Model / Part #5650983-5
ASSY,RECEPT,EURO,TYPE C,L-FREE, A&C,64/96



TE Model / Part #1-926476-7
MOD 4 HSG



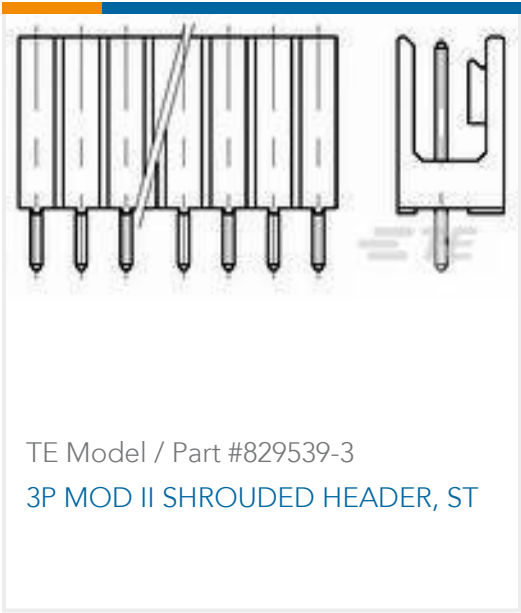
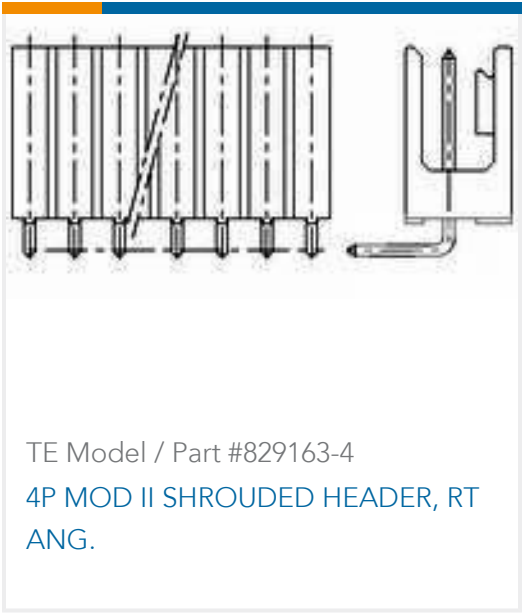
TE Model / Part #4-1827253-6
.5FHP05H,220,S,GIG,08/Sn,TR,NSYes



TE Model / Part #829539-5
5P MOD II SHROUDED HEADER, ST



TE Model / Part #2-969973-0
2x20P HV100 REC. CON, SMD, GOLD, BLISTER



Documents

Product Drawings

5P MOD II SHROUDED HEADER, RT ANG.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_829163-5_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_829163-5_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_829163-5_G.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

AMPMODU Interconnection System

English