

20P AMP MODUII BREAK AWAY HDR,  
SINGLE ROW

✓ ACTIVE

AMPMODU | AMPMODU Headers

TE Part # 2-829487-0

TE Internal #: 2-829487-0

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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: **20**

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	20
Number of Rows	1

Body Features

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

Contact Features

Mating Post Length	11.4 mm
Contact Mating Area Plating Material	Gold Flash
Contact Shape	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin



Contact Base Material	CuZn
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

Termination Post & Tail Length	3.1 mm[.122 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PBT
Centerline (Pitch)	2.54 mm[.1 in]
Housing Color	Green

Operation/Application

Solder Process Feature	Board Standoff
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Packaging Features

Packaging Quantity	300
Packaging Method	Box

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 Low Halogen - contains Br or Cl > 900



ppm.

Solder Process Capability

Wave solder capable to 265°C

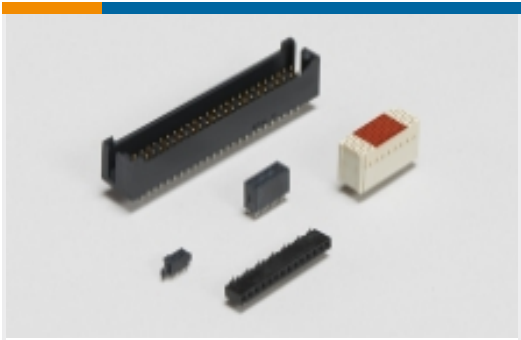
Product Compliance Disclaimer

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.

Also in the Series | AMPMODU Headers



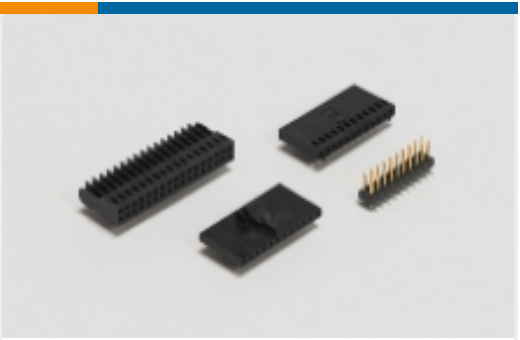
Automotive, Truck, Bus, & Off-Road Headers(2)



Board-to-Board Headers & Receptacles(1571)



Multiple Configuration PCB Connector Contacts (75)



Multiple Configuration PCB Connector Housings (3)



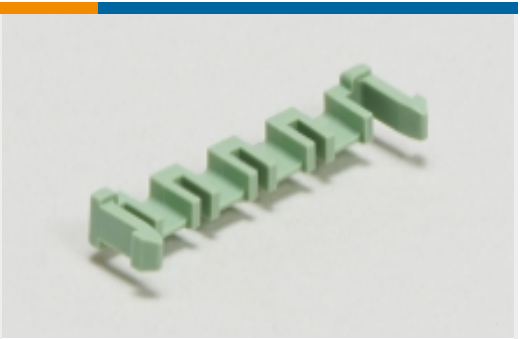
Multiple Configuration PCB Headers & Receptacles(4201)



PCB Connector Mounting (1)



PCB Connector Shrouds(1)



PCB Latches, Locks & Retainers(2)



Standard Rectangular Connectors(1)



Customers Also Bought

TE Part #163766-2  
062 PIN ASS.TYP3+

TE Part #1719273-3  
COVER REC ,HSG ,180?

TE Part #2-1633928-9  
ANVIL COMBINATION

TE Part #2103149-4  
PLUG, HVIL ONLY, KEY D,  
HVA280-2PHI

TE Part #2150224-2  
OCEAN-2.0-APPLICATOR-  
E-110F140OVA

TE Part #5-2119582-7  
CRIMPER, INSULATION F  
PREMIUM

TE Part #7-2151661-7  
OCEAN\_2.  
0\_SPARE\_PART\_KIT-  
100F165O

TE Part #1879697-1  
HH120 150K 1% 100PPM

TE Part #CV45266001  
QSZH-125-NR3-75MM

Documents

[Product Drawings](#)  
[20P AMP MODUII BREAK AWAY HDR,SINGLE ROW](#)  
[English](#)

[Agency Approvals](#)  
[UL Report](#)  
[English](#)