

2.0MM PITCH HEADER,DIP 30P

✓ ACTIVE

TE Part # 3-1470108-0

TE Internal #: 3-1470108-0

[View on TE.com >](#)



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



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **30**

Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	30
Number of Rows	2

Electrical Characteristics

Operating Voltage	100 VDC
Insulation Resistance	5000 MΩ

Contact Features

	100 μin
Mating Post Length	3.5 mm[.138 in]
Contact Shape	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin

2.0MM PITCH HEADER,DIP 30P

TE Part # 3-1470108-0
TE Internal #: 3-1470108-0



Contact Mating Area Plating Material Thickness	2.54 μm[100 μin]
Contact Type	Pin
Contact Current Rating (Max)	3 A
Contact Transmits (Typical)	Signal (Data)

Termination Features

Termination Post & Tail Length	3 mm[.118 in]
Terminations per Post (Max)	3
Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Color	Natural
Housing Material	High Temperature Thermoplastic

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]
Row-to-Row Spacing	2 mm[.079 in]

Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
-----------------------------	---------------------------

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Loose Piece
------------------	-------------

Other



Position Locations Omitted	None
----------------------------	------

Product Compliance



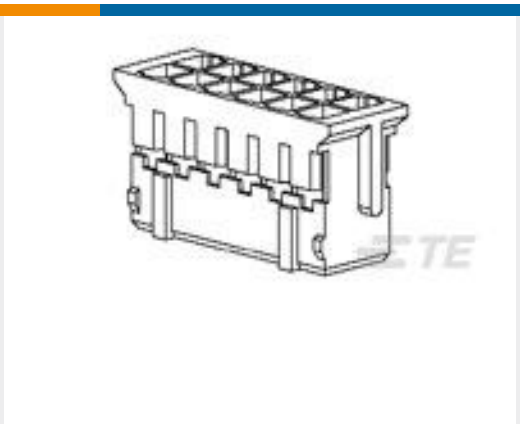

For compliance documentation, visit the product page on TE.com>

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	欧洲化学品管理局最新发布的SvHCs候选清单: 2019年1月（197） SvHCs候选清单的声明更新至: 2014年12月（161）
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 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

 <p>TE Part # 1470106-1 2.0mm Pitch Crimp Contact</p>	 <p>TE Part # 8-1470209-8 RCPT,2MM,30P,VRT MT, 30AU,2.6ST</p>	 <p>TE Part # 3-1470107-0 2.0MM PITCH CRIMP HOUSING 30P</p>	 <p>TE Part # 3-1470209-8 RCPT,2MM,30P,VRT MT, 8AU,2.6ST</p>
--	---	--	---

Customers Also Bought

2.0MM PITCH HEADER,DIP 30P

TE Part # 3-1470108-0
TE Internal #: 3-1470108-0



TE Part #5-1376386-1
5.0 POWER KEY
CONNECTOR 4P (2R)

TE Part #5-1376384-1
5.0 POWER KEY
CONNECTOR 4P HEA

TE Part #1827197-1
AMP PDL 6.5MM PITCH
8P ASS'Y

TE Part #170051-2
FF 250 TAB 20-14AWG
TPBR LP

TE Part #2-1871946-5
DYNAMIC 1900D REC
HSG CRIMP TYPE 30p

TE Part #1-1871946-8
DYNAMIC 1900D REC
HSG CRIMP TYPE 16P

TE Part #2-292168-4
CT P/HDR ASSY 4P H W/O
KINK TU

TE Part #292168-9
CT P/HDR ASSY 9P H W/O
KINK TU

TE Part #6450140-9
MBXL VERT RCPT
5P+24S+1M+6P

TE Part #7-292253-4
CT HDR ASSY H 14P
BLACK

Documents

Product Drawings

2.0MM PITCH HEADER,DIP 30P

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1470108-0_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1470108-0_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1470108-0_F.3d_stp.zip

English

Datasheets & Catalog Pages

AMPMODU_INTERCONNECTION_SYSTEM_SECTION3AND4



English

[1-1773713-2_HIGH_PERFORMANCE_INTERCONNECT_QUICK_REFERENCE_GUIDE_EN](#)

English

Product Specifications

Product Specification

English