1470106-1 ✔ ACTIVE

TE Internal #: 1470106-1

Connector Contact, Socket, Wire-to-Board, 28 – 22 AWG Wire Size, .079 – .38 mm² Wire Size, Tin, Reel, Wire & Cable, 3 A, Signal

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts





Contact Type: **Socket**

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

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

Wire Size: **.079 – .38 mm²**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire

Electrical Characteristics

Operating Voltage	100 VDC

Contact Features

Mating Square Post Dimension	.5 mm[.019 in]
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2 mm[.079 in]

Dimensions

Wire Size	.079 – .38 mm²

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	10000
Packaging Method	Reel

Other

Connector Contacts Comment	114-57013

Product Compliance

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

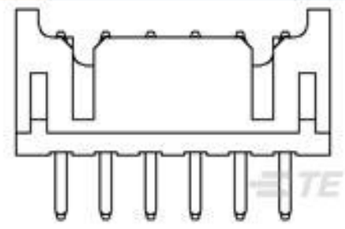
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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	Not lead free process capable

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 # CAT-H857-H34220
AMP HPI 2.0 mm Headers

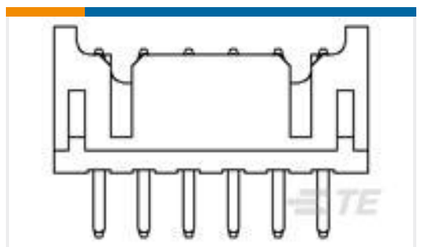
TE Part # CAT-H857-H817220
AMP HPI 2.0 mm Receptacle Housings



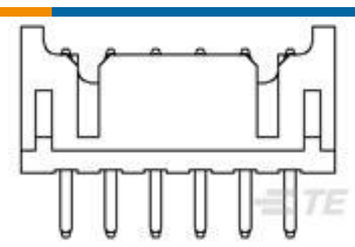
TE Part # 2-1470109-6
2.0mm Pitch Header,Dip 26p

TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp

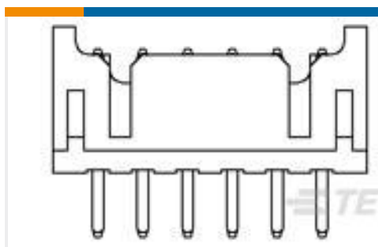
TE Part # 1-1470109-0
2.0mm Pitch Header,Dip 10p



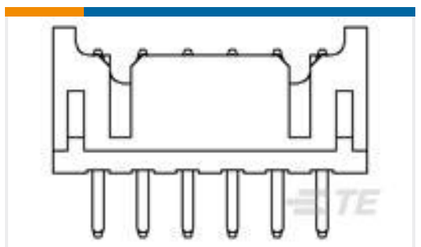
TE Part # 1-1470109-2
2.0mm Pitch Header,Dip 12p



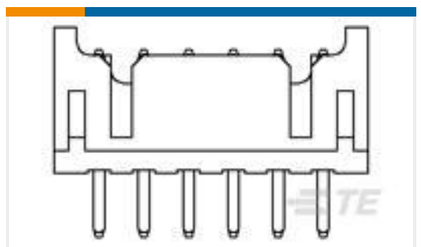
TE Part # 1-1470109-4
2.0mm Pitch Header,Dip 14p



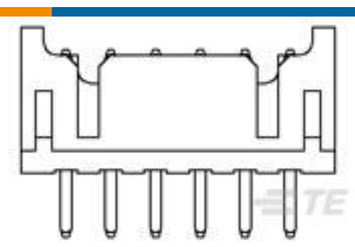
TE Part # 1-1470109-6
2.0mm Pitch Header,Dip 16p



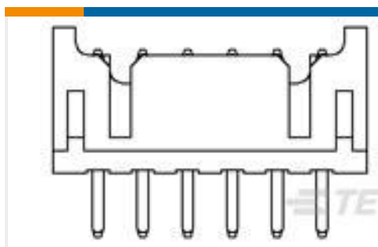
TE Part # 1470109-8
2.0mm Pitch Header,Dip 8p



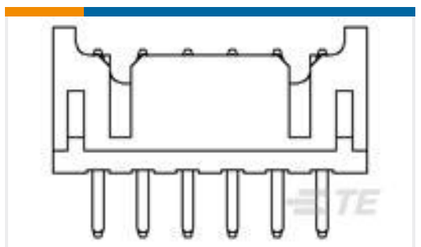
TE Part # 2-1470109-2
2.0mm Pitch Header,Dip 22p



TE Part # 1470109-6
2.0mm Pitch Header,Dip 6p

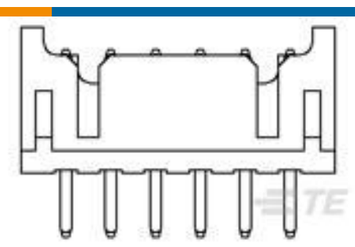


TE Part # 3-1470109-0
2.0mm Pitch Header,Dip 30p

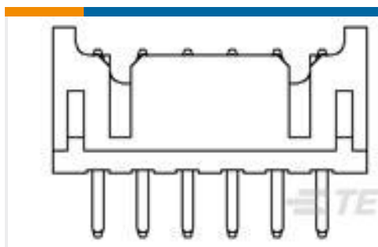


TE Part # 2-1470109-4
2.0mm Pitch Header,Dip 24p

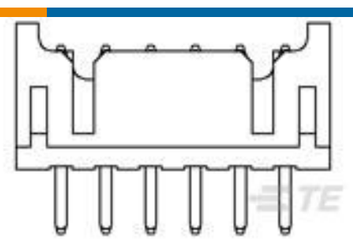
TE Part # 2266216-1
OCEAN_2.0_Applicator-S-051F065F



TE Part # 1-1470109-8
2.0mm Pitch Header,Dip 18p



TE Part # 2-1470109-0
2.0mm Pitch Header,Dip 20p



TE Part # 2-1470109-8
2.0mm Pitch Header,Dip 28p

TE Part # 2-2266216-1
OCEAN_2.0_Applicator-S-051F065F

TE Part # 2-2266216-2
OCEAN_2.0_Applicator-S-051F065F

TE Part # 2266216-2
OCEAN_2.0_Applicator-S-051F065F

Customers Also Bought

TE Part #1-1470108-2
2.0MM PITCH HEADER,DIP 12P

TE Part #6609020-4
2EB3=F7101 S0

TE Part #1-1470107-2
AMP HPI 2.0 mm Receptacle Housings

TE Part #1719256-2
4 POS GET 0.64 REC HSG

TE Part #5504008-3
CONN KIT,STC,125UM MM, 3mm

Documents

Product Drawings

2.0mm Pitch Crimp Contact

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1470106-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1470106-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1470106-1_B.3d_stp.zip

English

Datasheets & Catalog Pages

HPI Connectors QRG

English

Product Specifications

AMP 2.0mm PITCH EMIX Economic Metric Interconnect Series, Wire-To-Board System.

English

Application Specification

English

Product Environmental Compliance

MD_1470106-1_07212017520_dmtec

English

MD_1470106-1_07212017520_dmtec

English