5164713-8 ✔ ACTIVE

MINI-MATCH

TE Internal #: 5164713-8

PCB Mount Header, Vertical, Board-to-Board, 8 Position, 2.5 mm [.098 in] Centerline, Unshrouded, Tin, Through Hole - Solder, Power & Signal, Green

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Vertical**

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

Number of Positions: **8**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

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

Configuration Features

Number of Columns	8
PCB Mount Orientation	Vertical
Number of Positions	8

Body Features

Primary Product Color	Green

Contact Features

Contact Layout	Inline
Mating Tab Width	2.79 mm[.11 in]
Mating Tab Thickness	.5 mm[.02 in]
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3.04 µm[120 µin]

Contact Type	Tab
Contact Current Rating (Max)	7 A

Termination Features

Rectangular Termination Post & Tail Thickness	.5 mm[.02 in]
Rectangular Termination Post & Tail Width	.78 mm[.03 in]
Termination Post & Tail Length	3.2 mm[.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PBT GF20

Dimensions

Connector Length	20 mm[.787 in]
Connector Height	5.9 mm[.232 in]
Connector Width	6.3 mm[.248 in]
PCB Thickness (Recommended)	1.6 mm[.06 in]

Usage Conditions

Operating Temperature Range	-40 - 85 °C[-40 - 185 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Rating	Recognized
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1750
Packaging Method	Box

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 2024 (240) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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 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 # 5164711-8
08pos.MINI-MATCH FBTB, 2.5mm pitch



TE Part # 5164897-8
08Pos MINI MATCH RA male, 2.5 mm pitch

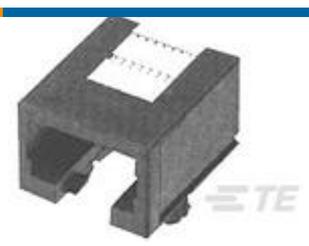
Customers Also Bought



TE Part # 9-966140-6
AMP MCP Unsealed Headers



TE Part # 6-440129-2
HPI 2.0MM,HSG,2POS,BLACK



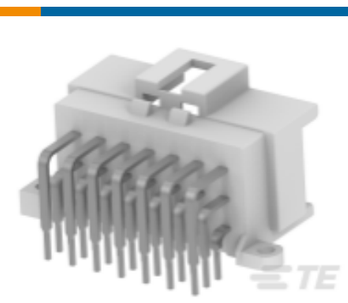
TE Part # 215876-1
6/6 PCB MOD.JACK SE



TE Part # 1473565-4
RITS CONN.HDR ASSY 4P



TE Part # 1735801-1
2.0mm,Crimp,Contact



TE Part # 8-966140-6
TAB HEADER 2.8 X 0.8 MM 21 POS

Documents

Product Drawings

8P.MINI-MATCH ASSY

English

CAD Files

Customer View Model

ENG_CVM_5164713-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_5164713-8_A.3d_stp.zip

English

Customer View Model

ENG_CVM_5164713-8_A.2d_dxf.zip

English

3D PDF

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Product Specification

Mini Match Connection System

English

Product Specification

English

Instruction Sheets

Instruction Sheet (non U.S.)

German