4-5353515-0 - ACTIVE

TE Internal #: 4-5353515-0 PCB Mount Header, Vertical, Board-to-Board, 40 Position, .5 mm [. 02 in] Centerline, Gold, Surface Mount, Signal, Black, Tape & Reel 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: **40**

Centerline (Pitch): .5 mm [.02 in]

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	40
Board-to-Board Configuration	Parallel
Electrical Characteristics	
Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	2 ΜΩ
Operating Voltage	250 VAC
Body Features	
Primary Product Color	Black

PCB Mount Header, Vertical, Board-to-Board, 40 Position, .5 mm [.02 in] Centerline, Gold, Surface Mount, Signal, Black, Tape & Reel



Contact Features

PCB Contact Termination Area Plating Material Thickness .05 μm[2 μin] Contact Layout Inline Mating Tab Width .15 mm[.006 in] Mating Tab Thickness .2 mm[.008 in] PCB Contact Termination Area Plating Material Gold Contact Base Material Copper Alloy Contact Mating Area Plating Material Gold Contact Type Tab Contact Current Rating (Max) .3 A Termination Features .15 mm[.006 in] Rectangular Termination Post & Tail Width .6 mm[.024 in] Termination Method to PCB Surface Mount Mating Alignment Type None PCB Mount Alignment Type None PCB Mount Retention Type None Mating Alignment Type Keyed PCB Mount Retention Without PCB Mount Retention Without PCB Mount Alignment Type Keyed PCB Mount Retention Without PCB Mount Retention Without PCB Mount Retention Stack Height Housing Features .5 mm[.027 in] Centerline (Pitch) .5 mm[.029 in] Housing		
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Housing Temperature Rating High		
Operating Temperature Range -30 – 105 °C[-22	– 221 °F]	

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PCB Mount Header, Vertical, Board-to-Board, 40 Position, .5 mm [.02 in] Centerline, Gold, Surface Mount, Signal, Black, Tape & Reel



Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal
ndustry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	1500
Packaging Method	Tape & Reel
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	
	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Compliant No Restricted Materials Above Threshold
China RoHS 2 Directive MIIT Order No 32, 2016 EU REACH Regulation (EC) No. 1907/2006	No Restricted Materials Above Threshold Current ECHA Candidate List: JUNE 2024
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	No Restricted Materials Above Threshold Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUL 2027 (219)

homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 245°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

PCB Mount Header, Vertical, Board-to-Board, 40 Position, .5 mm [.02 in] Centerline, Gold, Surface Mount, Signal, Black, Tape & Reel





Customers Also Bought



TE Part #1761987-9 ReceptacleConnAssm38PosTape/Re	TE Part #1217061-1 187 FASTON,FLAG,TAB,TNBR	TE Part #3-1761603-3 IDC LOW PRO HDR 40P VERT BLUE
	TE TE	
TE Part #2-406541-3 MJ,INV,1X1,6PNL G,.100"ST,SN, NARROW POST	TE Part #3-1415001-2 V23134J0052X511-EV-CBOX	

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-5353515-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-5353515-0_A.3d_igs.zip

English

QSFP-DD 1X1, STANDARD, W/

EXTRUDED HS

PCB Mount Header, Vertical, Board-to-Board, 40 Position, .5 mm [.02 in] Centerline, Gold, Surface Mount, Signal, Black, Tape & Reel



Customer View Model

ENG_CVM_CVM_4-5353515-0_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Fine Pitch Catalog - 0.5mm Fine Stack and Fine Mate Connectors

English

Product Specifications

Product Specification

English

Instruction Sheets

0.5MM F-S CONNECTOR(H 1.5MM) (BOARD TO BOARD SMT TYPE) HANDLING AND OPERATION INSTRUCTION SHEET

English

Instruction Sheet (non U.S.)

English