



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: **220**

Centerline (Pitch): **.5 mm**

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

PCB Mount Orientation	Vertical
Number of Positions	220
Board-to-Board Configuration	Parallel

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material	Gold
	8 µin
Contact Type	Pin



Contact Current Rating (Max)	.5 A
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Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mating Alignment Type	Polarized
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.5 mm
Housing Material	LCP (High Temp Thermoplastic)

Dimensions

Stack Height	8 mm
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Usage Conditions

Operating Temperature Range	-40 – 125 °C
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Type	Box, Tray
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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: 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	Reflow solder capable to 260°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 # 2357739-1
16G,05FH,REC,220PIN,4H,Hard Tray

TE Part # 2357739-2
16G,05FH,REC,220PIN,4H,HT W/ CAP

TE Part # 2357739-3
16G,05FH,REC,220P,4H,emboss w/ cap

TE Part # 2357739-5
16G,05FH,REC,220PIN,4H,HT W/ BLACK CAP

Also in the Series | Free Height

PCB Headers & Receptacles(759)

Customers Also Bought

TE Part #6609056-3
10MV1=F7758 S0

TE Part #1-2199119-5
M.2 0.5PITCH 3.2H KEY M 15U" AU

TE Part #5646529-1
Z-PACK 2MM HM TYPE A/B 169P

TE Part #2102737-1
BP, Right End, MULTIGIG RT 2R





TE Part #3-794620-2
02P MICRO MNL ASSY,R/A,HDR,LF



TE Part #5406299-1
MJ ASSY,S/P,8POS,SH,RVPGT,CAT 5e



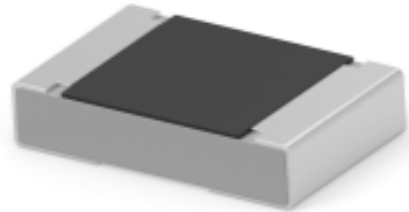
TE Part #3-6318490-6
.5FHR04H,220,S,GIG,08/Sn,HT,NSYes



TE Part #3-1825910-5
FSM18JH=6MM TACT SWITCH, HIGH TEMP



TE Part #1473971-2
REC ASS'Y V TYPE FOR 2.5MM PIT



TE Part #1-2176529-9
3504G 3A 78R7 1% 1K RL

Documents

Product Drawings

16G,05FH,plug,220P,8H,HT, W/O CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2357798-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2357798-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2357798-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

2357798-1

PCB Mount Header, Vertical, Board-to-Board, 220 Position, .5 mm Centerline, Gold,
Surface Mount, Signal, Black, Free Height

