



Free Height

TE Internal #: 2357787-1
PCB Mount Header, Vertical, Board-to-Board, 220 Position, .5 mm
Centerline, Surface Mount, Signal, Black, Box / Tray, Free Height
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Connectors > PCB Connectors > PCB Headers & Receptacles



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

Configuration Features

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

Body Features

Primary Product Color	Black
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Contact Features

Contact Type	Pin
Contact Current Rating (Max)	.5 A



Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

Housing Features

Housing Material	LCP
Centerline (Pitch)	.5 mm

Dimensions

Stack Height	5 mm
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
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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 Method	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: JAN 2025 (247) Candidate List Declared Against: JUNE 2022 (224) 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 # 2357739-3
16G,05FH,REC,220P,4H,emboss w/ cap

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

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

TE Part # 2357739-1
16G,05FH,REC,220PIN,4H,Hard Tray

Also in the Series | Free Height

Board-to-Board Headers & Receptacles(747)

PCB Headers & Receptacles(747)

Customers Also Bought

TE Part #1969612-8
8P FH PLUG VAL-U-LOK V0

TE Part #284046-2
TERMI-BLOK VERTICAL PLUG STACK

TE Part #2357798-3
16G,05FH,plug,220P 8H,T&R, W/ CAP

TE Part #5750069-1
Mini DIN, 4 pos, R/A, Shield





TE Part #63678-2
RING 18-14 AWG TPBR



TE Part #5787082-9
100 50SR R/A RCP ASSY,RDSN L/F



TE Part #1734260-8
1.25 WTB HDR SMT, 8 POS

TE Part #1-1393577-9
FL 9SU 120+2

TE Part #2378538-2
CAGE ASSY W/ HS ,TOP SIDE LP 1X2 QSPF-DD

TE Part #2274073-1
HM ZD 3 PR HEADER, SEQ, LF

Documents

Product Drawings

16G,05FH,plug,220P,5H HT, W/O CAP

English

16G,05FH,plug,220P,5H HT, W/O CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2357787-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2357787-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2357787-1_A.3d_stp.zip

English

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Product Specifications

Product Specification

English