



Free Height

TE Internal #: 2357798-3
PCB Mount Header, Vertical, Board-to-Board, 220 Position, .5 mm Centerline, Surface Mount, Signal, Black, Tape & Reel, 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	Polarized
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Stack Height	8 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	Tape & Reel
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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 2024 (241) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 2357739-2
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

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

Also in the Series | Free Height

Board-to-Board Headers & Receptacles(747)

PCB Headers & Receptacles(747)

Customers Also Bought

TE Part #4-2337939-8
PCIE GEN4 CON,SMT,164POS,15u", MYLAR,HT

TE Part #325534009-50
1 BAR ALTIMETER PRESSURE SENSOR W GEL

TE Part #4-1879233-2
SMW5 5R1 5%

TE Part #2170704-5
CAGE ASSY, QSFP28 1X1, SPRING, HS





TE Part #2-1761465-1
PCI Express RA assy 5.8mm slot 2.3 mm pc



TE Part #4-2337939-7
PCIE GEN4 CON,SMT,98POS,15u", MYLAR,HT



TE Part #8-968972-2
MCP2.8 GEH ASSY 12P



TE Part #CAT-C339-A76A
SMD Power Resistor: 2 Watt, 3521 Series



TE Part #CONREVSMA002-G
RP-SMA RA Jack 50 Ohm PCB Through Hole

Documents

Product Drawings

16G,05FH,plug,220P 8H,T&R, W/ CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2357798-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2357798-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2357798-3_A.3d_stp.zip

English

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Product Specifications

Product Specification

English