



Free Height

TE Internal #: 2357798-3

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

[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: **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
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Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	.5 mm
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Housing Material	LCP (High Temp Thermoplastic)
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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 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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Reflow solder capable to 260°C
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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(758)

Customers Also Bought



TE Part #2274001-1
ZSFP+ 1X1 CAGE ASSEMBLY PRESSFIT



TE Part #8-215570-0
Paddle Board Connector



TE Part #8-215079-4
Female-on-Board Connector, Top Entry



TE Part #215083-4
Male-on-Wire Connector, Micro-MaTch



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