



Free Height

TE Internal #: 2357787-1
PCB Mount Header, Vertical, Board-to-Board, 220 Position, .5 mm
Centerline, Gold, Surface Mount, Signal, Black, Box / Tray, 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
-----------------------	-------

Contact Features

Contact Mating Area Plating Material	Gold
	8 µin
Contact Type	Pin



Contact Current Rating (Max)	.5 A
Termination Features	
Termination Method to Printed Circuit Board	Surface Mount
Mechanical Attachment	
Mating Alignment Type	Polarized
Connector Mounting Type	Board Mount
Housing Features	
Centerline (Pitch)	.5 mm
Housing Material	LCP
Dimensions	
Stack Height	5 mm
Usage Conditions	
Operating Temperature Range	-40 - 125 °C
Operation/Application	
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Method	Box, Tray
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 2024 (240) 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





 <p>TE Part # 2357739-1 16G,05FH,REC,220PIN,4H,Hard Tray</p>	 <p>TE Part # 2357739-2 16G,05FH,REC,220PIN,4H,HT W/ CAP</p>	 <p>TE Part # 2357739-3 16G,05FH,REC,220P,4H,emboss w/ cap</p>	 <p>TE Part # 2357739-5 16G,05FH,REC,220PIN,4H,HT W/ BLACK CAP</p>
---	---	---	---

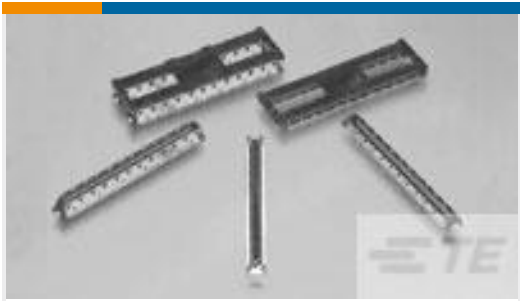
Also in the Series | Free Height



PCB Headers & Receptacles(752)

Customers Also Bought

 <p>TE Part # 5787082-9 100 50SR R/A RCP ASSY,RDSN L/F</p>	 <p>TE Part # 5100143-1 2MM H.M. TYPE "A" PIN ASSY.</p>	 <p>TE Part # 120958-1 UPM EXPANDED PIN ASSEMBLY</p>	 <p>TE Part # 3-794620-2 02P MICRO MNL ASSY,R/A,HDR,LF</p>
---	--	---	---



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



TE Part # 1-2324582-0
[HSG,REC,FREE-HANGING,DUALROW,EP2.5](#)

TE Part # 2274073-1
[HM ZD 3 PR HEADER, SEQ, LF](#)

TE Part # 2378538-2
[CAGE ASSY W/ HS ,TOP SIDE LP 1X2 QSFP-DD](#)

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

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

Product Specifications

[Product Specification](#)

English