



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

Dimensions

Stack Height	5 mm
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Mechanical Attachment

Mating Alignment Type	Polarized
Connector Mounting Type	Board Mount

Contact Features

	8 µin
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	.5 A

Housing Features

Housing Material	LCP
Centerline (Pitch)	.5 mm

Configuration Features

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

Product Type Features

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

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to PCB	Surface Mount
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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	Tray, Box
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

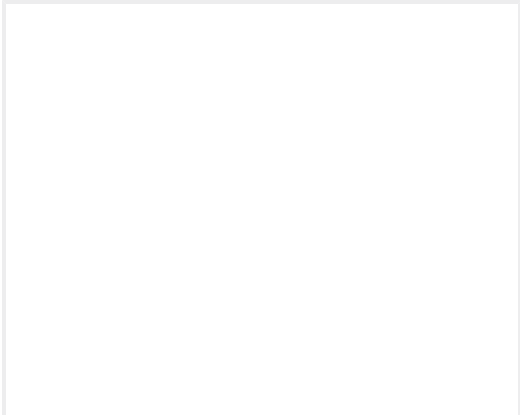
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2022 (224)

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



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

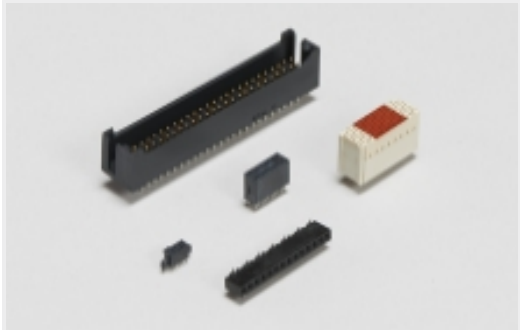


TE Part # 2357739-2
16G,05FH,REC,220PIN,4H,HT W/ CAP

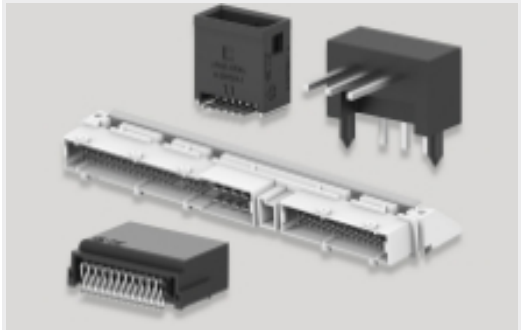


TE Part # 2357739-3
16G,05FH,REC,220P,4H,emboss w/ cap

Also in the Series | Free Height



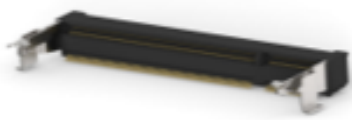
Board-to-Board Headers & Receptacles(751)



PCB Headers & Receptacles(751)

Customers Also Bought

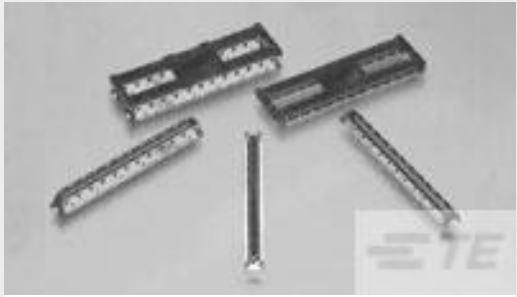




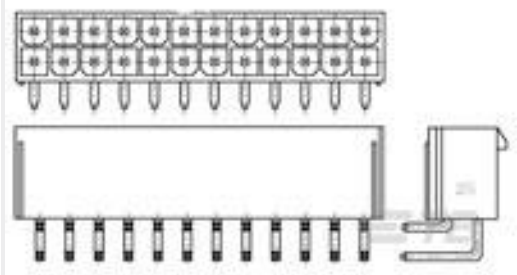
TE Part #CAT-D3301-SO1339
DDR2 SO DIMM Sockets



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



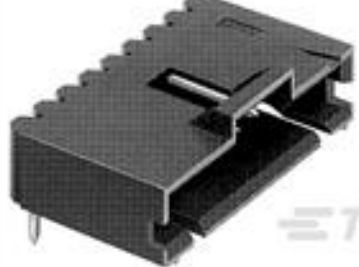
TE Part #3-6318490-6
.5FHR04H,220,S,GIG,08/Sn,HT,NSYes



TE Part #1-1586041-2
12P VAL-U-LOK R/A HDR V2



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



TE Part #6-104935-3
14 MTE HDR SRRA LTCH.100CL LF



TE Part #2213831-1
LUMAWISE ENDURANCE S BASE ASSEMBLY, 80MM



TE Part #292171-5
CT POST HDR ASSY 5P IN-TUBE BL



TE Part #1SNG601010R0000
EP-SG-M12-LGR-D

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