2357798-3 ✔ ACTIVE

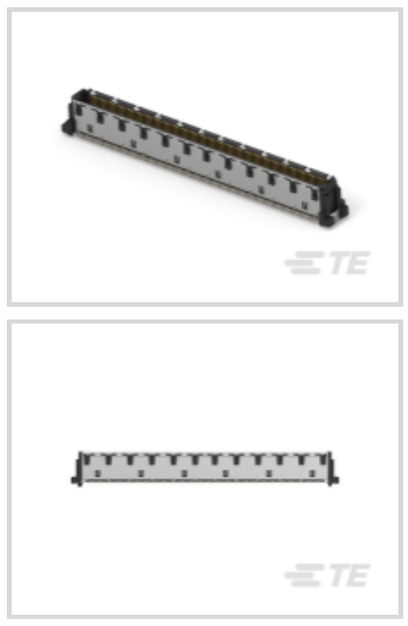
Free Height

TE Internal #: 2357798-3

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

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

Connector System: **Board-to-Board**

Number of Positions: **220**

Centerline (Pitch): **.5 mm**

PCB Mount Orientation: **Vertical**

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

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

Body Features

Primary Product Color	Black

Contact Features

	8 µin
Contact Type	Pin

Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Stack Height	8 mm

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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



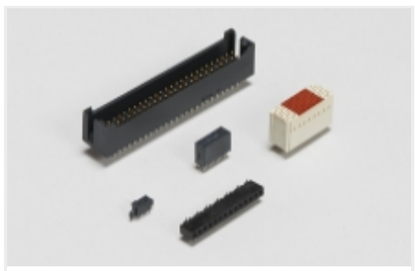
TE Part # 2357739-3
16G,05FH,REC,220P,4H,emboss w/ cap



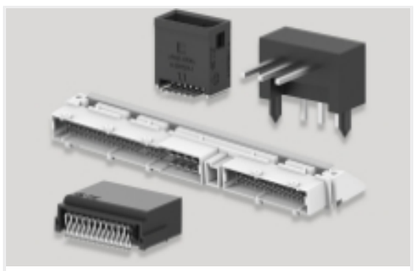
TE Part # 2357739-1
16G,05FH,REC,220PIN,4H,Hard Tray

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

Also in the Series | Free Height



Board-to-Board Headers & Receptacles(737)

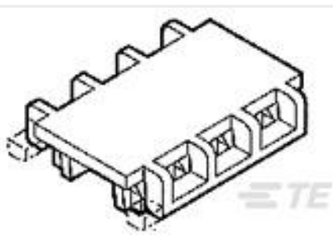


PCB Headers & Receptacles(737)

Customers Also Bought



TE Part #5-146280-3
03 MODII HDR SRST B/A .100CL



TE Part #643071-3
03P MTA156 FD-THRU COVER



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



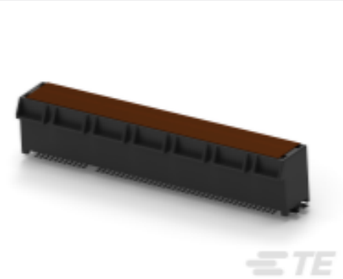
TE Part #5-1612773-1
SEMI-HARD TRAY DDR SODIMM 200P



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



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



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



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



TE Part #5745563-3
HD KIT,SCREWLOCK



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

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

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English