

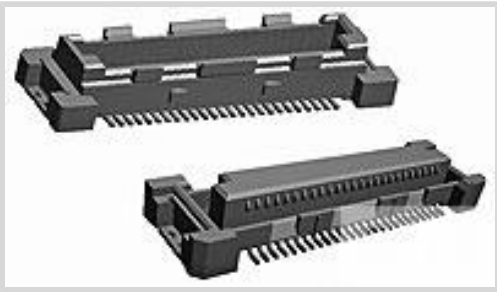


Free Height

TE Internal #: 5-5353729-8
PCB Mount Receptacle, Vertical, Board-to-Board, 200 Position, .6 mm [.024 in] Centerline, Gold (Au), Surface Mount, Signal, Black, Tray, Free Height

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**
Connector System: **Board-to-Board**
Number of Positions: **200**
Centerline (Pitch): **.6 mm [.024 in]**
PCB Mount Orientation: **Vertical**

Features

Product Type Features

Ground Feature Type	Grounding Contact
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Stackable	Yes
Number of Positions	200
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	50 VAC
Insulation Resistance	2 MΩ
Dielectric Withstanding Voltage (Max)	200 VAC

Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Thickness	.05 μm, 1 μm[1.9685 μin][39.37 μin]
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Contact Layout	Inline
Contact Mating Area Length	1 mm, 1.3 mm
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Gold, Tin
Contact Mating Area Plating Material Thickness	.2 µm[7.87 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	.5 A

Termination Features

Rectangular Termination Post & Tail Width	.9 mm[.035 in]
Rectangular Termination Post & Tail Thickness	.15 mm[.006 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Retention Type	Solder Peg
PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Centerline (Pitch)	.6 mm[.024 in]
Housing Material	High Temperature Thermoplastic

Dimensions

Connector Height	4 mm[.157 in] .2 in
Stack Height	4 mm, 6 mm, 8 mm, 12 mm[.472 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]

Operation/Application

Assembly Process Feature	Vacuum Cover
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Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0

Packaging Features	
Packaging Quantity	18
Packaging Method	Tray

Product Compliance

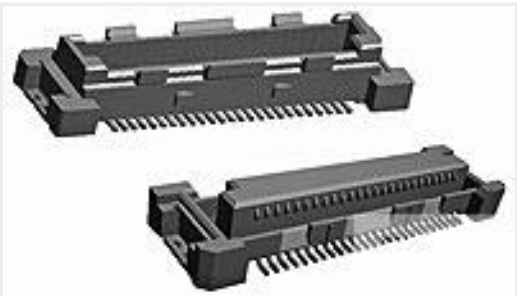
For compliance documentation, visit the product page on TE.com>

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 2025 (247) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Reflow solder capable to 245°C

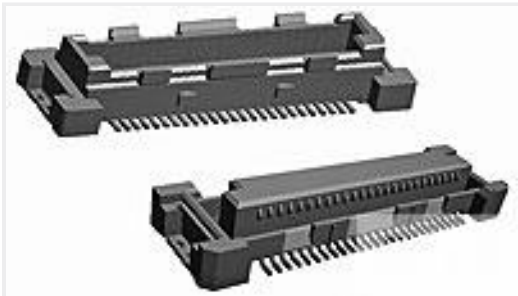
Product Compliance Disclaimer

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

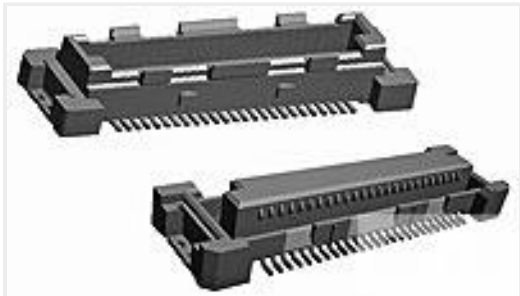
Compatible Parts



TE Part # 6318453-8
[.6FHP11H,100,S,STD,08/Sn,ST,NSYes](#)

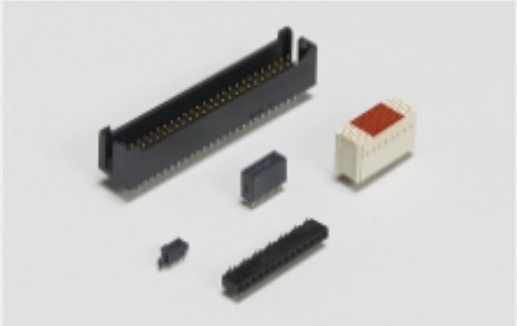


TE Part # 5353185-8
[.6FHP06H,100,S,STD,08/Sn,TR,NSYes](#)

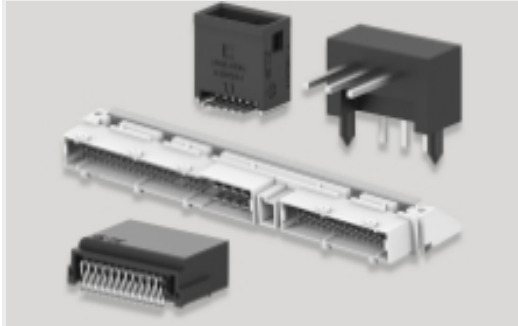


TE Part # 6318950-8
[.6FHP11H,100,S,STD,08/Sn,TR,NSYes](#)

Also in the Series | Free Height



[Board-to-Board Headers & Receptacles\(746\)](#)



[PCB Headers & Receptacles\(746\)](#)

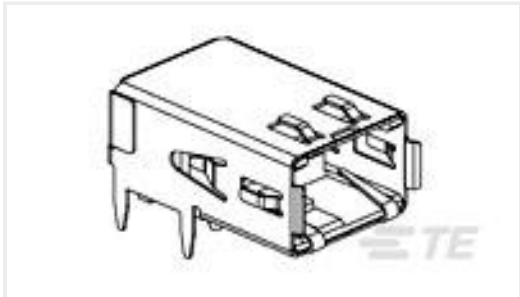
Customers Also Bought



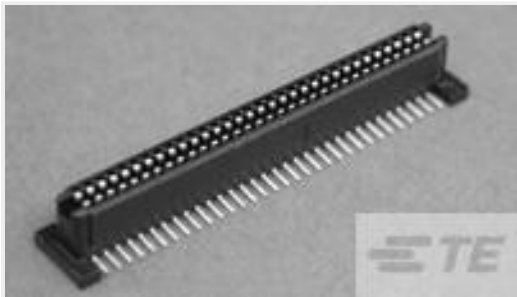
TE Part #5-104076-2
[60 SYS50 HDR DRST SHRD W/SL SN](#)



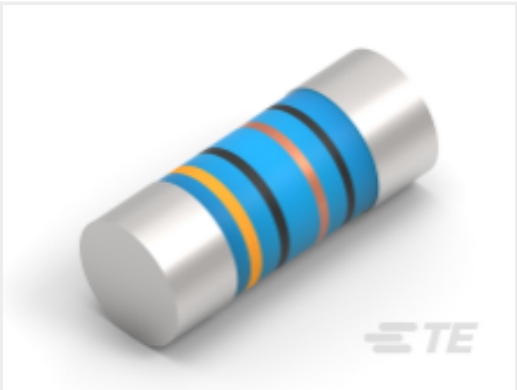
TE Part #3-1415020-1
[PT570N20](#)



TE Part #1761072-3
[RECPT,HSSDC2,FIBRE,TRAY PKG](#)



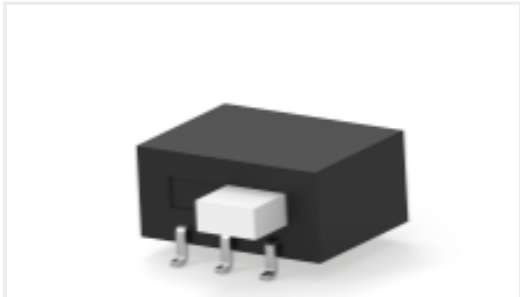
TE Part #5146893-2
[1FHR,84,30A/S,S,C,S08,09,10](#)



TE Part #2176314-4
[MELF SMA_A 180R 0.1% 15PPM 0102 0.3W](#)



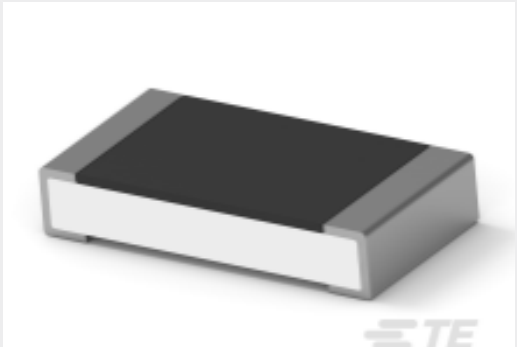
TE Part #1-928836-2
[MOD2 PIN WITH A-PIN L/P](#)



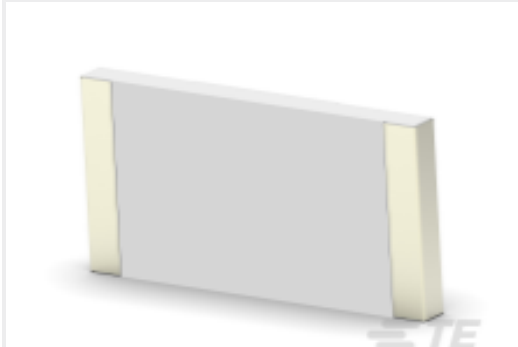
TE Part #1-1437581-1
[ASE22RL=AUTOSLIDE DP](#)



TE Part #5-103911-3
[60 SYSTEM 50 RCPT ASSY DRRA](#)



TE Part #4-2176391-7
[RQ 1206 37K4 0.1% 10PPM 5K RL](#)



TE Part #7-2176246-6
[CRGS2512 5% 1M8](#)



Documents

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_5-5353729-8_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_5-5353729-8_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5-5353729-8_O.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English