5353184-8 ✔ ACTIVE

Free Height

TE Internal #: 5353184-8

PCB Mount Header, Vertical, Board-to-Board, 100 Position, .6 mm [.024 in] Centerline, Gold (Au), Surface Mount, Signal, Black, 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: **100**

Centerline (Pitch): **.6 mm [.024 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Stackable	Yes
Number of Positions	100
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

Contact Features

Mating Tab Width	.3 mm[.012 in]

PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Mating Tab Thickness	.2 mm[.008 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.2 µm[7.87 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	.5 A

Termination Features

Rectangular Termination Post & Tail Width	.25 mm[.01 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 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[.157 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000
Packaging Method	Reel

Product Compliance

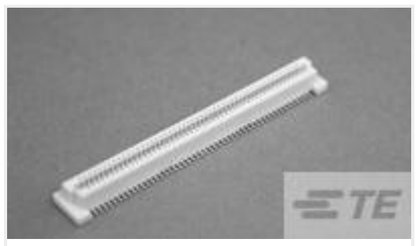
For compliance documentation, visit the product page on TE.com>

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 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 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

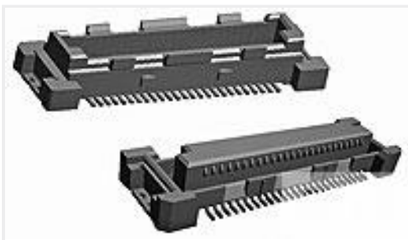
Compatible Parts



TE Part # 5353189-8
.6FHR04H,100,S,STD,08/SP,TR,NSNo



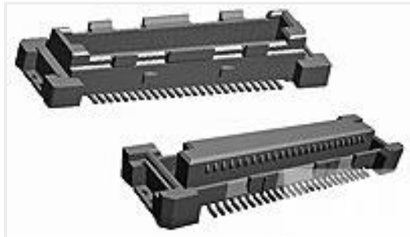
TE Part # 5353190-8
.6FHR04H,100,S,GIG,08/Sn,TR,NSYes



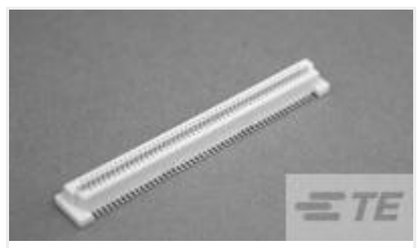
TE Part # 5316318-8
.6FHR12H,100,S,GIG,08/Sn,HT,SENo



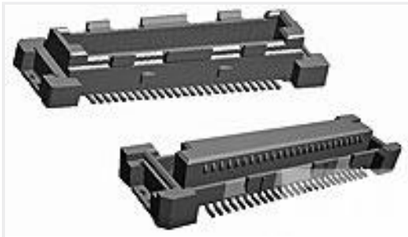
TE Part # 5-5316136-8
.6FHR04H,100,S,STD,08/SP,ST,SENo



TE Part # 5316563-8
.6FHR08H,100,S,GIG,08/Sn,ST,NSNo

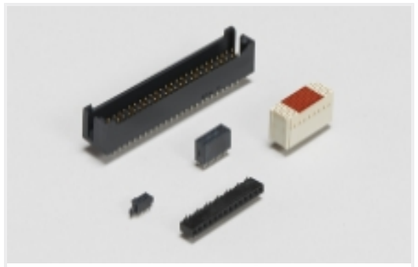


TE Part # 5-5353189-8
.6FHR04H,100,S,STD,08/SP,TR,SENo

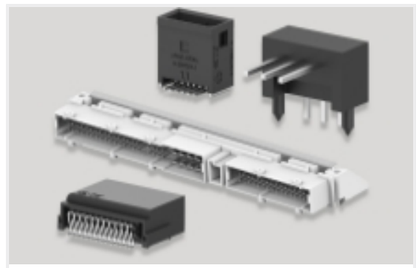


TE Part # 3-5353190-8
.6FHR04H,100,S,GIG,30/Sn,TR,NSYes

Also in the Series | Free Height



Board-to-Board Headers & Receptacles(737)



PCB Headers & Receptacles(737)

Customers Also Bought



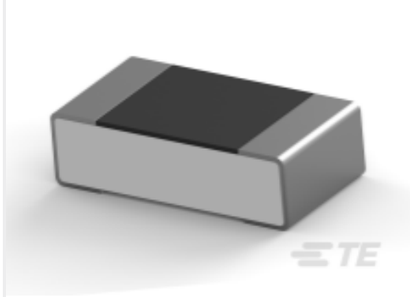
TE Part #390088-2
BLACK HSG WITH 15AU CONTACT



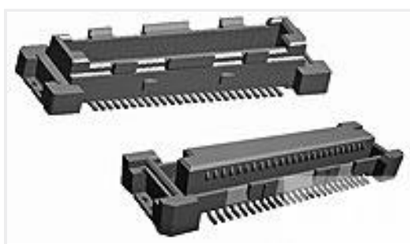
TE Part #2102771-1
DC, 7Row, Center, MULTIGIG RT 2R



TE Part #2102772-1
DC, 7Row, Half Left End, MULTIGIG RT 2R



TE Part #1-2176370-9
RQ 0603 665R 0.1% 10PPM 5K RL



TE Part #1-5353729-0
.6FHR04H,280,B,GIG,08/Sn,ST,NSYes



TE Part #5745781-4
09 MSFL RCPT RA 318 (IN,FM)



TE Part #8-2176305-0
RP 1E 0.1W 715R 0.1% 25PPM 5K RL

Documents

CAD Files

Customer View Model

ENG_CVM_5353184-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_5353184-8_C.3d_stp.zip

English

Customer View Model

ENG_CVM_5353184-8_C.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

English