5767114-6 ✔ ACTIVE

MICTOR

TE Internal #: 5767114-6

PCB Mount Receptacle, Vertical, Board-to-Board, 228 Position, .64 mm [.025 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount, Signal, Black

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **228**

Centerline (Pitch): **.64 mm [.025 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Ground Feature Type	Ground Bus
PCB Connector Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Columns	114
Number of Signal Positions	228
Number of Power Positions	6
Stackable	Yes
Number of Positions	228
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	6 VDC
Impedance	50 Ω

Insulation Resistance	2 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Body Features

Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 µm[150 – 250 µin]
Contact Shape & Form	Dual Beam
Contact Layout	Inline
Contact Mating Area Length	1.63 mm[.064 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	11.5 A

Termination Features

Rectangular Termination Post & Tail Width	.53 mm[.021 in]
Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

Mating Retention	With
PCB Mount Alignment Type	Positioning Bosses
Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	.64 mm[.025 in]
Housing Material	Matte

Dimensions

Connector Width	5.28 mm[.208 in]
Connector Height	5.99 mm[.236 in]
Connector Length	88.9 mm[3.5 in]
Stack Height	6.6 mm, 9 mm, 10.92 mm, 12.57 mm, 15.62 mm, 17.96 mm, 18 mm, 18.75 mm, 20 mm, 21.6 mm, 22.86 mm, 27 mm, 27.8 mm, 29 mm, 31.9 mm[1.255 in]
PCB Thickness (Recommended)	1.57 mm[.8 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Assembly Process Feature	Vacuum Cover
Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Listed
Compatible With Approved Standards Products	CSA 1195944, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	252
Packaging Method	Reel

Product Compliance

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

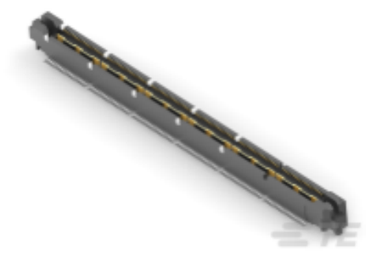
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)

	Candidate List Declared Against: JAN 2025 (247) 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 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 # 1-5767007-3
MICT,260PLUG,228,ASSY,.025,REC

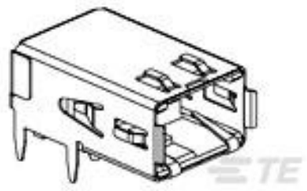
Customers Also Bought



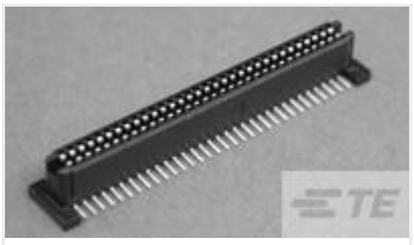
TE Part #5-104076-2
60 SYS50 HDR DRST SHRD W/SL SN



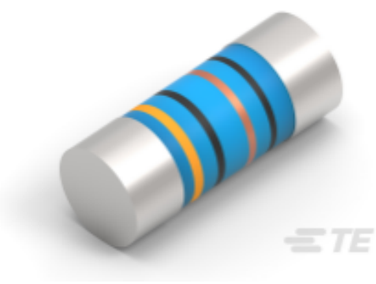
TE Part #3-1415020-1
PT570N20



TE Part #1761072-3
RECPT,HSSDC2,FIBRE,TRAY PKG



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



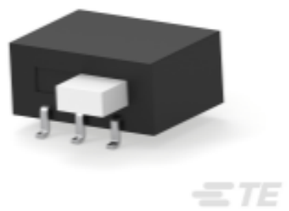
TE Part #2176314-4

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

Product Drawings

MICT,REC,228,ASY,.025,TAPE,CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5767114-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5767114-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5767114-6_B.3d_stp.zip

English

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Product Specifications

Application Specification

English