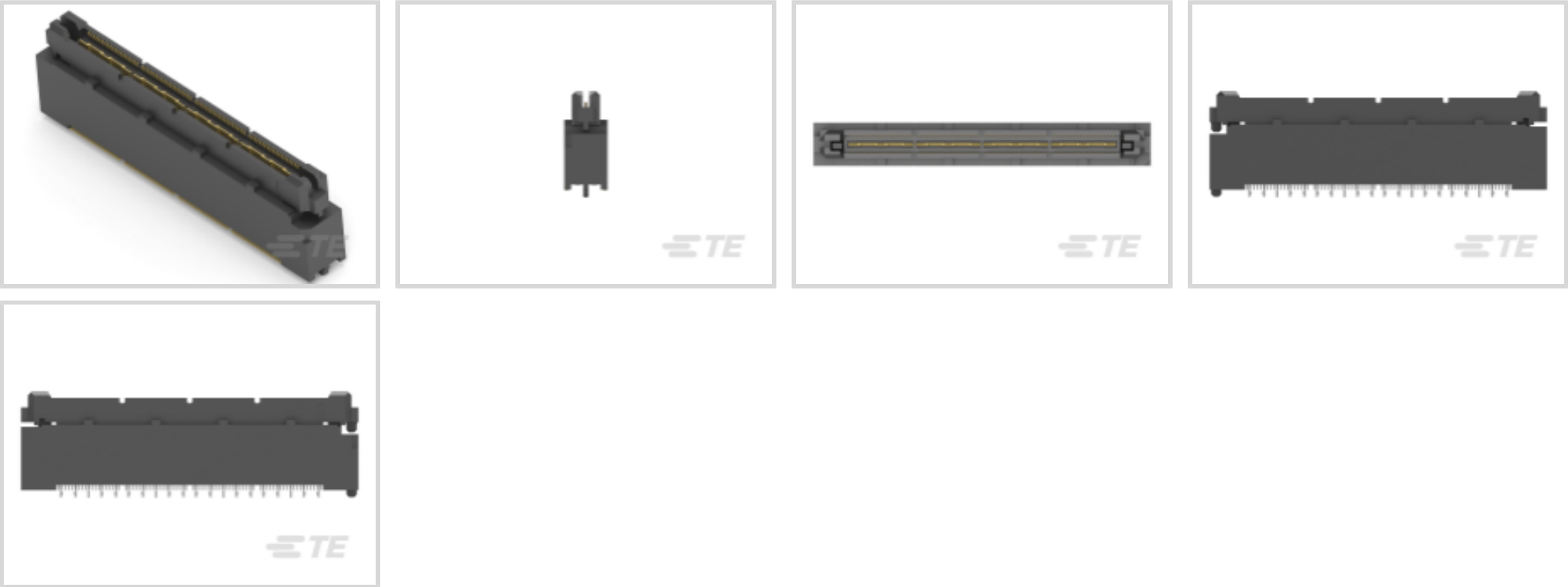




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Board-to-Board**
Number of Positions: **152**
Centerline (Pitch): **.64 mm [.025 in]**

Features

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Electrical Characteristics

Operating Voltage	4 VDC
Impedance	152 Ω
Insulation Resistance	2 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

Dimensions

Stack Height	27.8 mm, 18.75 mm[1.093 in]
Connector Width	8.13 mm[.32 in]
Connector Height	18.47 mm[.727 in]
Connector Length	63.45 mm[2.498 in]

Packaging Features

Packaging Quantity	8
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Packaging Method

Tube, Box

Industry Standards

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

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention Type	Boardlock
Mating Alignment Type	Polarized
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Square Termination Post & Tail Dimension	.2 mm[.008 in]
Termination Method to PCB	Surface Mount

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
	.002 in[.064 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 µm[149.9997 – 249.9995 µin]
Contact Shape & Form	Dual Beam
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	11.5 A

Housing Features

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

Configuration Features

Number of Columns	76
Number of Signal Positions	152
Number of Power Positions	4
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	152

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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Usage Conditions

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

Circuit Application	Signal
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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 2024 (241)
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 # 5767094-4 MICT,RECPT,152,ASY,PDNI,EXTD	 TE Part # 5767115-4 MICT,REC,152,ASY,.025 TAPE PKG	 TE Part # 5767143-4 MICT,R/A,RCPT,152,ASY,062,30AU	 TE Part # 5767081-4 MICT,REC,152,ASY,PDNI,BARBLESS
 TE Part # 1-5767115-1 MICT,REC,152,ASY,.025 TAPE PKG	 TE Part # 5767061-4 MICT,RECPT,152,ASSY,093,PDNI	 TE Part # 2-5767004-5 MICTOR RECEPT ASSY, 152 POS.	 TE Part # 5767089-4 MICTOR,R/A,RECPT,.093,152,ASY



TE Part # 5767044-4
[MICTOR,R/A,RECPT,.062,152,ASY](#)

Customers Also Bought

TE Part #1676217-2
[RN 0805 19K6 0.1% 10PPM 1KRL](#)

TE Part #1676276-2
[RN 0805 287R 0.1% 10PPM 1KRL](#)

TE Part #4-2176412-8
[5W XSM M/OX 5% 470R](#)

TE Part #1676142-1
[RN 0805 100K 0.1% 10PPM CUT LENGTH](#)

TE Part #1676335-1
[RN 0805 40K2 0.1% 10PPM CUT LENGTH](#)

TE Part #3-1614350-0
[RN 0603 13K 0.1% 10PPM CUT LENGTH](#)

TE Part #3-1614352-0
[RN 0603 25K5 0.1% 10PPM CUT LENGTH](#)

TE Part #1676296-1
[RN 0805 2K8 0.1% 10PPM CUT LENGTH](#)

TE Part #1744037-3
[03P EC PWR.200 CL HDR ASSY VRT](#)

TE Part #1532179-3
[M83513/03-A03N, MCKS-N1-B-9P6G9-18.0](#)

Documents

Product Drawings

[MICT,738PLUG,152,ASSY,.025,EXT](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_5767042-4_B.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5767042-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5767042-4_B.3d_stp.zip](#)

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3D PDF

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[ENG_CVM_5767042-4_A1.2d_dxf.zip](#)

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English

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Datasheets & Catalog Pages

MICTOR Interconnection System

English

Fine Pitch Stacking Connectors - 0.635mm MICTOR Connectors

English

Product Specifications

Application Specification

English