



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: **266**
Centerline (Pitch): **.64 mm [.025 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Power Positions	7
Number of Columns	133
Stackable	Yes
Number of Signal Positions	266
PCB Mount Orientation	Vertical
Number of Positions	266
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	500 VAC
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Insulation Resistance	2 MΩ
Impedance	266 Ω
Operating Voltage	30 VAC

Signal Characteristics

Differential Signaling	Yes
Data Rate	10 Gb/s

Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Length	1.63 mm[.064 in]
PCB Contact Termination Area Plating Material Thickness	3.81 - 6.35 μm[149.9997 - 249.9995 μin]
Contact Layout	Inline
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Dual Beam
Contact Mating Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
	29.9212 μin
Contact Type	Tab
Contact Current Rating (Max)	11.5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.45 mm[.018 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Retention	Without
PCB Mount Retention Type	Locating Post
Mating Alignment	With
Mating Alignment Type	Polarized
PCB Mount Retention	With



PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Length	101.6 mm [4 in]
Connector Height	17.76 mm [.699 in]
Connector Width	8.13 mm [.32 in]
Stack Height	17.96 mm, 27 mm [1.062 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	5
Packaging Method	Box, Tube

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 2024 (240) Candidate List Declared Against: JAN 2024 (240)



Does not contain REACH SVHC

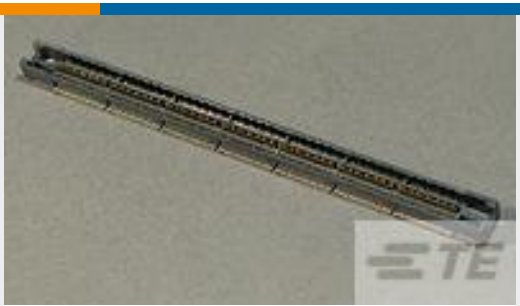
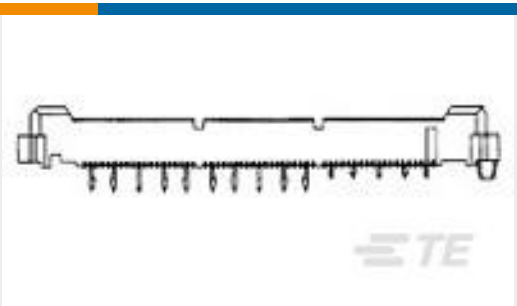
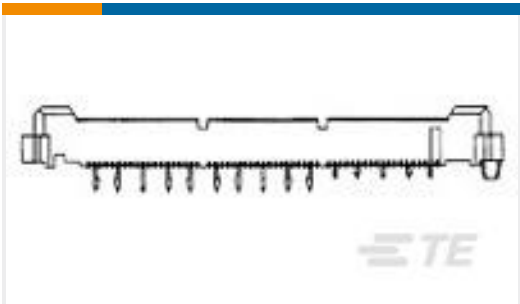
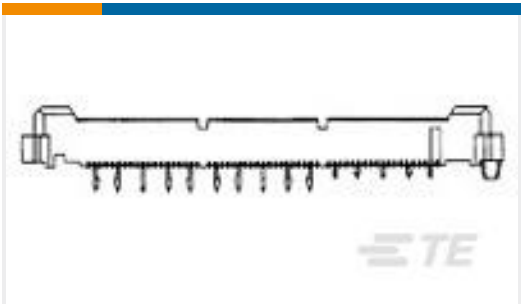
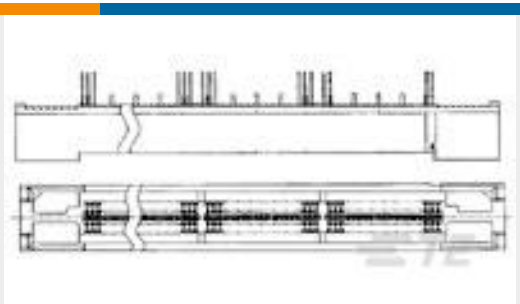
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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Product Compliance Disclaimer

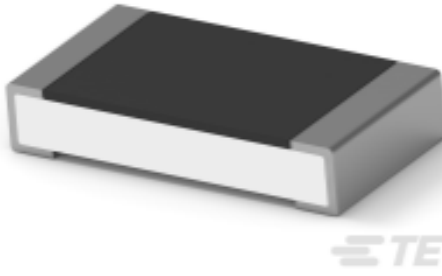
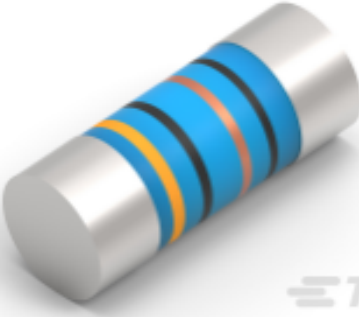
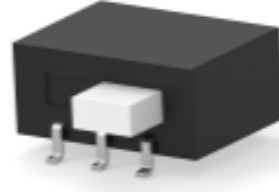
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2-5767004-8 MICTOR RECEPT ASSY, 266 POS.	 TE Part # 5767094-7 MICT,RECPT,266,ASY,PDNI,EXTD	 TE Part # 5767081-7 MICT,REC,266,ASY,PDNI,BARBLESS	 TE Part # 5767089-7 MICTOR,R/A,RECPT,,093,266,ASY
 TE Part # 5767095-7 MICT,REC,EXT,266,ASY,PDNI,025	 TE Part # 5767130-7 MICT,RCPT,266,ASY,GOLD,EXTD	 TE Part # 5767143-7 MICT,R/A,RCPT,266,ASY,062,30AU	

Customers Also Bought



 TE Part # 4-2176391-7 RQ 1206 37K4 0.1% 10PPM 5K RL	 TE Part # 2176314-4 MELF SMA_A 180R 0.1% 15PPM 0102 0.3W	 TE Part # 1-1825006-9 GDS10S04=DIP SW,SLIDE,SMT	 TE Part # 1-928836-2 MOD2 PIN WITH A-PIN L/P
 TE Part # 7-2176246-6 CRGS2512 5% 1M8	 TE Part # 3-1415020-1 PT570N20	 TE Part # 1-1437581-1 ASE22RL=AUTOSLIDE DP	

Documents

Product Drawings

MICTOR .707 PLUG ASSY, 266 POS

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5767025-7_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5767025-7_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5767025-7_O.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5767025-7_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5767025-7_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5767025-7_A.3d_stp.zip

English



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

MICTOR Interconnection System

English

Fine Pitch Stacking Connectors - 0.635mm MICTOR Connectors

English

Product Specifications

Application Specification

English