1-5767005-1 × OBSOLETE

MICTOR

TE Internal #: 1-5767005-1

TE Internal Description: MICT,495PLUG,152,ASSY,.025,REC

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: PCB Mount Header

PCB Mount Orientation: Vertical Connector System: Board-to-Board

Number of Positions: 152

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

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
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
Electrical Characteristics	
Operating Voltage	4 VDC
Impedance	152 Ω



Delectric Withstanding Voltage (Max) Delectric Withstanding Voltage (Max) Signal Characteristics Data Rate 10 Gb/s Differential Signaling Yes Body Features Primary Product Color Black Contact Features PCB Contact Termination Area Ploting Material Finish Matte PCB Contact Iermination Area Ploting Material Thickness 3.81 µm(149.9 µin) Contact Shape & Form Dual Beam Contact Layout Infine Contact Layout Infine Contact Marting Area Plating Material Comper Alloy PCB Contact Termination Area Plating Material Contact Marting Area Plating Material Contact Marting Area Plating Material Contact Marting Area Plating Material Contact Type Pin Contact Current Rating (Max) 11.5 A Termination Features Rectangular Termination Post & Tail Width 54 mmi.021 in] Rectangular Termination Post & Tail Width 54 mmi.021 in] Rectangular Termination Post & Tail Thickness 2 mmi.008 in] Termination Method to PCB Surface Mount Mating Alignment Type Polarized PCB Mount Alignment Type Positioning Bosses PCB Mount Alignment Type PCB Mount Alignment Type PCB Mount Alignment: With Connector Mounting Type Mating Alignment With		
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Connector Mounting Type Board Mount	PCB Mount Retention	With
	PCB Mount Alignment	With
Mating Alignment With	Connector Mounting Type	Board Mount
	Mating Alignment	With



Housing Features

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

Dimensions

Stack Height	12.57 mm, 21.6 mm[.85 in]
Connector Width	5.28 mm[.208 in]
Connector Height	12.29 mm[.484 in]
Connector Length	63.45 mm[2.498 in]

Operation/Application

Circuit Application	Signal	
	2.9.13.1	

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	8
Packaging Method	Box, Tube

Product Compliance

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

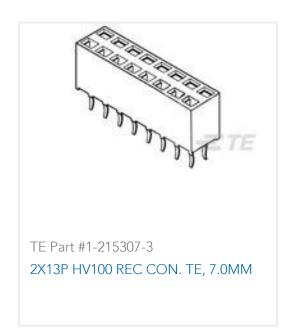
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2023 (235) Does not 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

Customers Also Bought







Documents

Product Drawings

MICT,495PLUG,152,ASSY,.025,REC

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-5767005-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-5767005-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-5767005-1_A.3d_stp.zip

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