5767006-4 ✔ ACTIVE

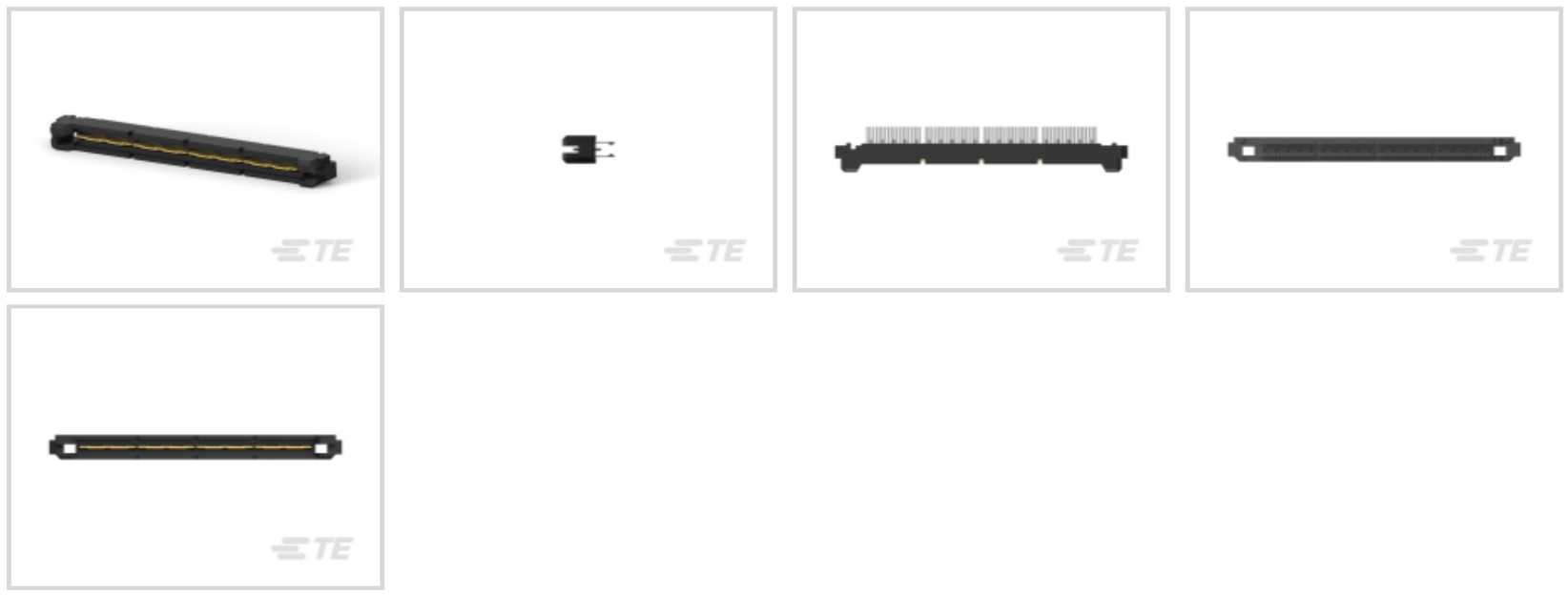
MICTOR

TE Internal #: 5767006-4

PCB Mount Header, Straddle Mount, Board-to-Board, 152 Position, .64 mm [.025 in] Centerline, Gold, Surface Mount, Signal, Black, Tube / Box

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Straddle Mount**

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

Number of Positions: **152**

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

Features

Product Type Features

Ground Feature Type	Ground Bus
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	4
Number of Columns	76
Stackable	No
Number of Signal Positions	152
PCB Mount Orientation	Straddle Mount
Number of Positions	152
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	2 MΩ
Impedance	50 Ω
Operating Voltage	30 VAC

Signal Characteristics

Differential Signaling	Yes
Data Rate	10 Gb/s

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Length	.94 mm[.037 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
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Pin
Contact Current Rating (Max)	11.5 A

Termination Features

Square Termination Post & Tail Dimension	.2 mm[.008 in]
Termination Post & Tail Length	1.52 mm[.139 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Retention	With
Mating Alignment	Without
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	63.45 mm[2.498 in]
Connector Height	6.38 mm[.251 in]
Connector Width	5.28 mm[.208 in]
PCB Thickness (Recommended)	2.36 mm[.8 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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	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: 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 # 2-5767004-5
MICTOR RECEPT ASSY, 152 POS.



TE Part # 1-5767115-1
MICT,REC,152,ASY,.025 TAPE PKG



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



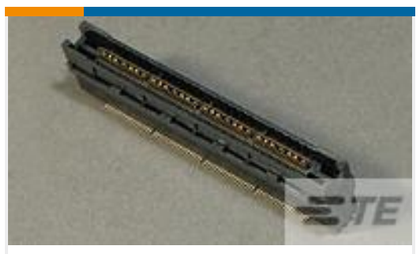
TE Part # 5767061-4
MICT,RECPT,152,ASSY,093,PDNI



TE Part # 5767081-4
MICT,REC,152,ASY,PDNI,BARBLESS



TE Part # 5767089-4
MICTOR,R/A,RECPT,.093,152,ASY



TE Part # 5767094-4
MICT,RECPT,152,ASY,PDNI,EXTD

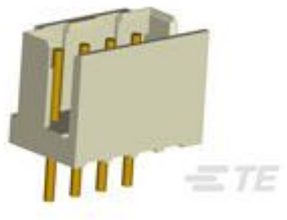


TE Part # 5767115-4
MICT,REC,152,ASY,.025 TAPE PKG



TE Part # 5767143-4
MICT,R/A,RCPT,152,ASY,062,30AU

Customers Also Bought



TE Part #292132-3
CT P/HDR BOX V 3P NAT



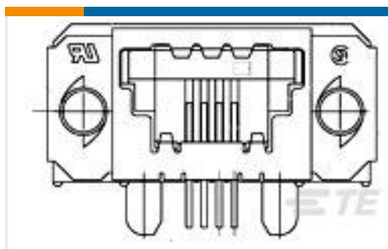
TE Part #179228-3
CT CRIMP TYPE REC HSG



TE Part #1-1469492-3
MULTIGIG RT 9MM GUIDE/ESD 90 DEG



TE Part #1-1469492-7
MULTIGIG RT 9MM GUIDE/ESD 270 DEG



TE Part #4-1761206-1
4 SDL SE RCPT ASSY PART SHELD



TE Part #5767055-4
MICT,R/APLUG,ASSY,152,PDNI



TE Part #NB18742001
RNF-100-BK Heat Shrink Tubing

TE Part #2101927-1
A600P,SZ3,150/85/150/150/Q6,CH

TE Part #5767158-5
190 POS. R/A PLUG ASSY

Documents

Product Drawings

MICT,R/APLUG,152,ASY,.025,.062

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5767006-4_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5767006-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5767006-4_C.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