5767017-2 ✔ ACTIVE

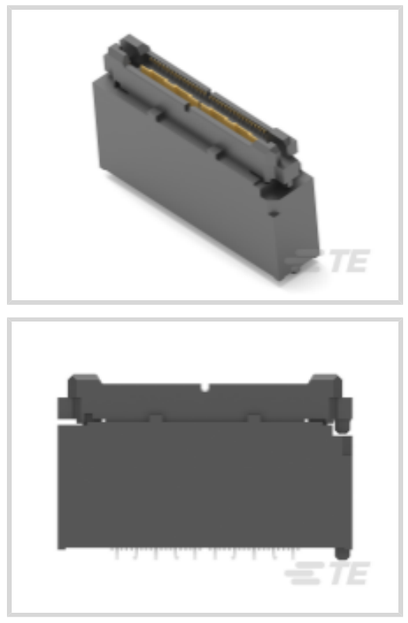
MICTOR

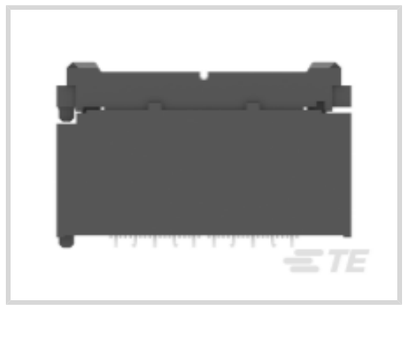
TE Internal #: 5767017-2

PCB Mount Header, Vertical, Board-to-Board, 76 Position, .64 mm [.025 in] Centerline, Gold, Surface Mount, Signal, Black, Box / Tube

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

Features

Contact Features

	29.9212 µin
PCB Contact Termination Area Plating Material Finish	Matte
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 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	Gold
Contact Type	Tab
Contact Current Rating (Max)	11.5 A

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 Columns	38
Number of Signal Positions	76
Number of Power Positions	2
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	76

Electrical Characteristics

Operating Voltage	2 VDC
Impedance	76 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

Termination Features

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

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention Type	Locating Post
Mating Alignment Type	Polarized
PCB Mount Alignment Type	Positioning Bosses

PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Stack Height	31.9 mm, 22.86 mm, 22.96 mm[1.255 in][.9 in]
Connector Width	8.13 mm[.32 in]
Connector Height	22.66 mm[.892 in]
Connector Length	38.1 mm[1.499 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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

Packaging Features

Packaging Quantity	14
Packaging Method	Tube, Box

Product Compliance

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

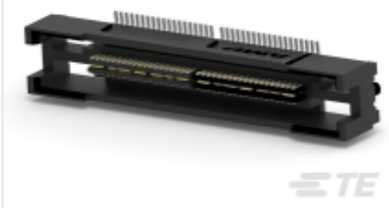
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold

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

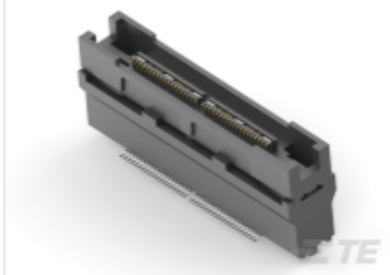
Product Compliance Disclaimer

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



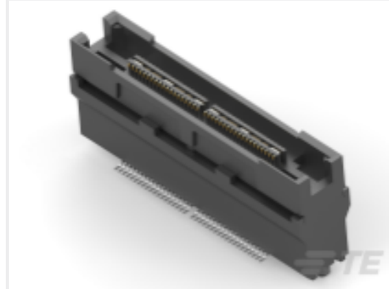
TE Part # 2-5767004-3
MICTOR RECEPT ASSY, 76 POS.



TE Part # 5767130-2
MICT,RCPT,076,ASY,GOLD,EXTD



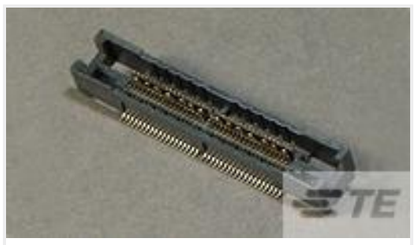
TE Part # 5767054-2
MICT,RECPT,76,ASSY,PDNI



TE Part # 5767094-2
MICT,RECPT,076,ASY,PDNI,EXTD



TE Part # 5767044-2
MICTOR,R/A,RECPT,.062,076,ASY

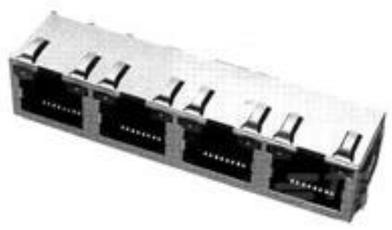


TE Part # 5767061-2
MICT,RECPT,076,ASSY,093,PDNI



TE Part # 5767089-2
MICTOR,R/A,RECPT,.093,076,ASY

Customers Also Bought



TE Part #1-5406552-7
INV MJ,1X4,PNL GRD,LED (-/G) W

TE Part #1-5767007-4
MICT,260PLUG,266,ASSY,.025,REC



TE Part #1658198-1
70 POSN,0.8MM PITCH, SURFACE T



TE Part #1676642-1
RN 0805 11R8 0.1% 10PPM CUT LENGTH



TE Part #1-5767005-4
MICT,495PLUG,266,ASSY,.025,REC



TE Part #6367551-2
ASSY Z-DOK+6 ADADPTER BRD 08PR



TE Part #1-1971818-4
14P,RAST 2.5 Tab Header,Ex- Locking, THV

Documents

Product Drawings

MICT,900PLUG,76,ASSY,.025,REC

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5767017-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5767017-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5767017-2_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