5767096-8 ✔ ACTIVE

MICTOR

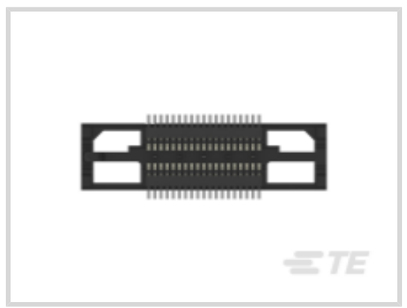
TE Internal #: 5767096-8

PCB Mount Receptacle, Vertical, Board-to-Board, 38 Position, 24 mm / .64 mm [.945 in] Centerline, Fully Shrouded, Gold, Surface Mount, Signal, Black

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Connectors > PCB Connectors > PCB Headers & Receptacles




PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **38**

Centerline (Pitch): **.64 mm, 24 mm [.945 in]**

Features

Product Type Features

Ground Feature Type	Ground Bus
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Power Positions	1
Number of Columns	19
Stackable	Yes
Number of Signal Positions	38
PCB Mount Orientation	Vertical
Number of Positions	38
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	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
Contact Mating Area Plating Material Thickness	.76 µm[29.9212 µin]
Contact Type	Socket
Contact Current Rating (Max)	11.5 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
Rectangular Termination Post & Tail Width	.53 mm[.021 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Positioning Bosses
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, 24 mm[.945 in]
Housing Material	Matte

Dimensions

Connector Length	25.4 mm[1 in]
Connector Height	6.1 mm[.24 in]
Connector Width	6.9 mm[.272 in]
Stack Height	6.6 mm, 9 mm, 10.92 mm, 12.57 mm, 17.96 mm, 18.75 mm, 20 mm, 22.86 mm[.9 in]
PCB Thickness (Recommended)	1.57 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	252
Packaging Method	Reel

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
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 # 5767005-8
MICT,495PLUG,038,ASSY,.025,REC



TE Part # 5767007-8
MICT,260PLUG,38,ASSY,.025,REC



TE Part # 5767056-1
MICT,260,PLUG,38,ASSY,PDNI



TE Part # 5767006-1
MICT,R/APLUG,38,ASSY,.025,.062



TE Part # 5767017-1
MICT,900PLUG,38,ASSY,.025,REC



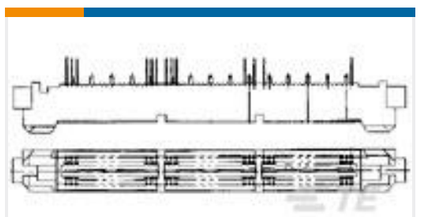
TE Part # 5767055-1
MICT,R/APLUG,ASSY,38,PDNI



TE Part # 5767111-8
MICT,PLG,038,ASY,.025 TAPE CAP



TE Part # 5767025-1
MICTOR .707 PLUG ASSY, 38 POS.



TE Part # 5767032-1
MICT,788PLUG,38,ASSY,.025,REC



TE Part # 5767057-1
MICT,495,PLUG,038,PDNI



TE Part # 5767082-1
MICT,495,PLUG,038,PDNI,BARBLES



TE Part # 5767117-1
MICT,260,PLG,038,ASY,.025,PDNI



TE Part # 5767118-8
MICT,PLG,038,ASY,.025,TAPE PKG



TE Part # 5767119-1
MICT,PLG,038,ASY,.025,TAPE PKG



TE Part # 5767119-8
MICT,PLG,038,ASY,.025,TAPE PKG



TE Part # 5767121-8
MICT,PLG,038,ASY,.025,TAPE PKG



TE Part # 5767149-1
MICTOR PLUG ASSY IN TAPE & REE



TE Part # 5767149-8
MICTOR PLUG ASSY IN TAPE & REE



TE Part # 5767042-1
MICT,738PLUG,038,ASSY,.025,EXT

Customers Also Bought



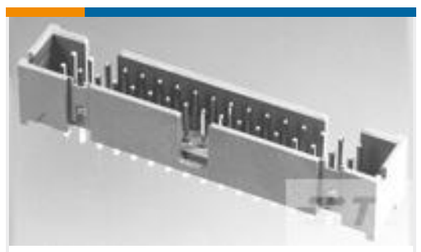
TE Part # 2343522-7
SFP56 STACKED 2X2 RECEPTACLE ASSEMBLY



TE Part # 5-146257-8
16 MODII HDR DRST B/A .100CL L



TE Part # 2007705-1
IMP100S,R,RA3P10C,UG,39



TE Part # 5104338-7
A/L LOW PRO HDR 34P VERT HT



TE Part # 3038-0200
3038-0200 SMT Accelerometer



TE Part # 1888972-1
Cage Assy SAN Hsink LP QSFP Thru Bezel

TE Part # 2320065-1
MINI IO CABLE ASSEMBLY

TE Part # 2333781-1
MINI IO TO RJ45 CABLE ASSEMBLY

Documents

Product Drawings

MICT,REC,038,ASY,.025,TAPE,CAP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5767096-8_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5767096-8_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5767096-8_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

MICTOR Interconnection System

English

Fine Pitch Stacking Connectors - 0.635mm MICTOR Connectors

English

Product Specifications

Application Specification

English