

MICTOR

TE Internal #: 5767057-1
PCB Mount Header, Vertical, Board-to-Board, 38 Position, .64 mm [.025 in] Centerline, Gold Flash over Palladium Nickel, Surface Mount, Signal, Black

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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: **38**
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	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
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Contact Features

Contact Mating Area Length	.89 mm[.035 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 Flash over Palladium Nickel
Contact Mating Area Plating Material Thickness	.76 µm[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	.53 mm[.021 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Retention	With
Mating Alignment	With
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
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Dimensions

Connector Length	25.4 mm[1 in]
Connector Height	12.29 mm[.484 in]
Connector Width	5.28 mm[.208 in]
Stack Height	12.57 mm, 21.6 mm[.85 in]
PCB Thickness (Recommended)	1.57 mm[.8 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	21
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

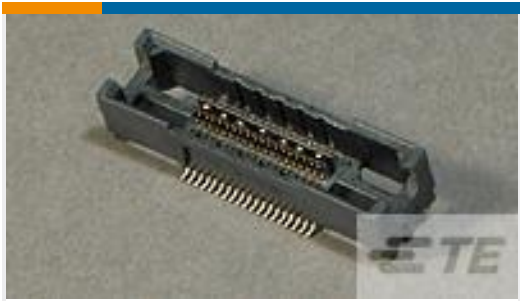


Product Compliance Disclaimer

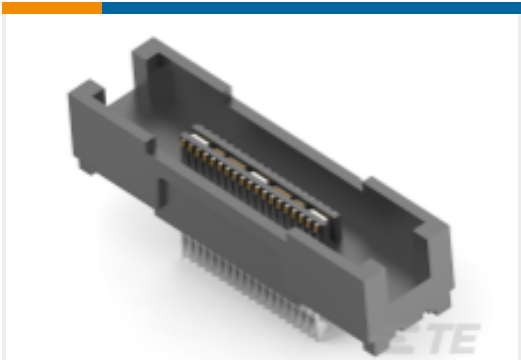
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

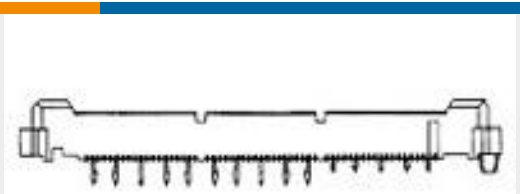
 TE Part # 5767054-1 MICT,RECPT,38,ASSY,PDNI	 TE Part # 5767171-1 MICTOR RECEPT ASSY, 38 POS. TA	 TE Part # 2-5767004-2 MICTOR RECEPT ASSY, 38 POS.	 TE Part # 5767096-1 MICT,REC,038,ASY,.025,TAPE PKG
 TE Part # 5767115-1 MICT,REC,038,ASY,.025 TAPE PKG	 TE Part # 5767096-8 MICT,REC,038,ASY,.025,TAPE,CAP	 TE Part # 5767114-1 MICT,REC,038,ASY,.025,TAPE,CAP	 TE Part # 5767061-1 MICT,RECPT,038,ASSY,093,PDNI
 TE Part # 5767089-1 MICTOR,R/A,RECPT,.093,038,ASY	 TE Part # 5767130-1 MICT,RCPT,038,ASY,GOLD,EXTD	 TE Part # 5767081-1 MICT,REC,038,ASY,PDNI,BARBLESS	 TE Part # 5767044-1 MICTOR,R/A,RECPT,.062,038,ASY



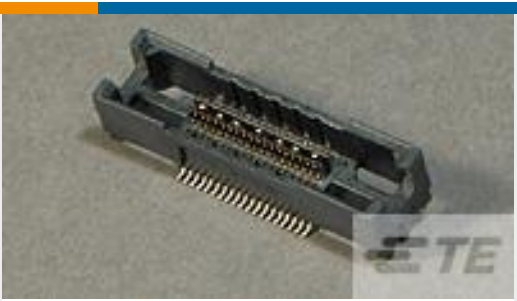
TE Part # 5767110-1
[MICT,RECPT,038,ASSY,.025](#)



TE Part # 5767143-1
[MICT,R/A,RCPT,038,ASY,062,30AU](#)



TE Part # 5767095-1
[MICT,REC,EXT,038,ASY,PDNI,025](#)

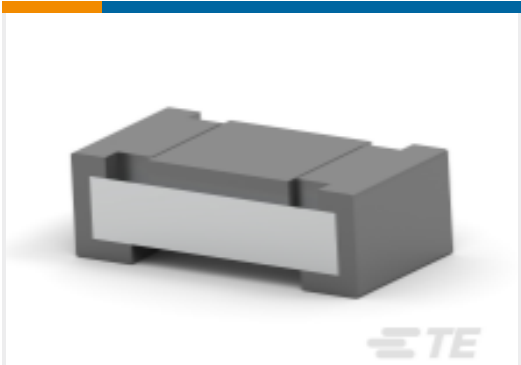


TE Part # 5767181-1
[MICT,RECPT,38,ASSY,PDNI](#)

Customers Also Bought



TE Part #640452-4
[04P MTA100 HDR ASSY SQ STR](#)



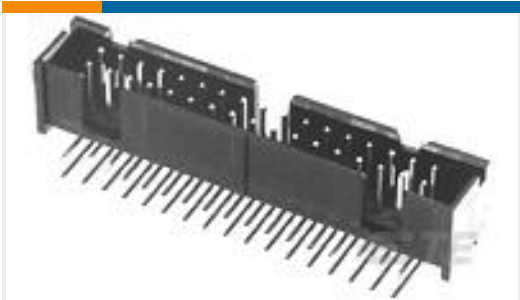
TE Part #3-2176055-8
[Thick Film Resistor: Current Sense](#)



TE Part #2176076-2
[TLRS1050 4.0W R001 1% 60PPM 3K RL](#)



TE Part #1-1337481-0
[SMB R/A PCB Skt 50Ohm Gold Plt](#)



TE Part #5103310-5
[A/L LOW PRO HDR 20P RA BLACK](#)



TE Part #160917-3
[FF 250 REC 1-2.5MM2 PB](#)



TE Part #1-1614882-8
[CPF0603 43K 0.1% 25PPM 1K RL](#)



TE Part #3-2176326-6
[CRGP 0603 8K2 1%](#)



TE Part #1827585-1
[RJ45 MODULAR JACK ASSY H 8P](#)

Documents

Product Drawings

[MICT,495,PLUG,038,PDNI](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_5767057-1_A.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_5767057-1_A.3d_igs.zip](#)

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[ENG_CVM_5767057-1_A.3d_stp.zip](#)

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3D PDF

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English

Customer View Model

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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