

MICTOR

TE Internal #: 5767039-3

PCB Mount Header, Straddle Mount, Board-to-Board, 114 Position,
.64 mm [.025 in] Centerline, Gold, Surface Mount, Signal, Black, Box
/ Tube

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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: **114**

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

Features

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 Power Positions	3
Number of Columns	57
Stackable	No
Number of Signal Positions	114
PCB Mount Orientation	Straddle Mount
Number of Positions	114
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	500 VAC
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Insulation Resistance	2 MΩ
Impedance	114 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	.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
	4.99999 μin
Contact Type	Tab
Contact Current Rating (Max)	11.5 A

Termination Features

Square Termination Post & Tail Dimension	.2 mm[.008 in]
Termination Post & Tail Length	3.53 mm[.139 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	Locating Posts
Mating Retention	Without
Mating Alignment	With
Mating Alignment Type	Polarized
PCB Mount Retention	Without
PCB Mount Alignment	With



Connector Mounting Type	Board Mount
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Housing Features

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

Dimensions

Connector Length	50.8 mm[2 in]
Connector Height	6.38 mm[.251 in]
Connector Width	5.28 mm[.208 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	10
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

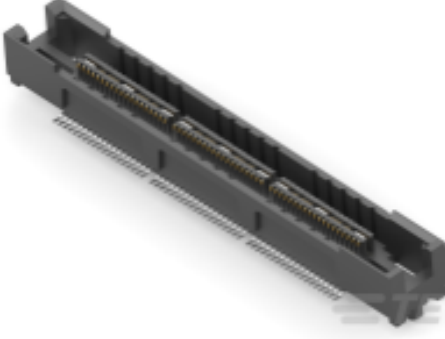
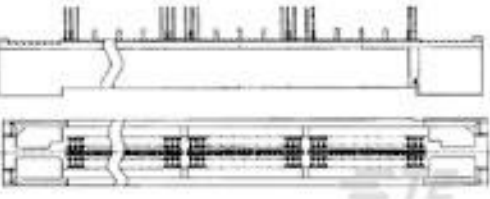
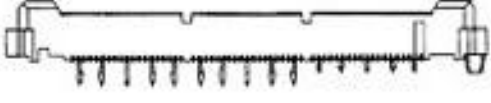
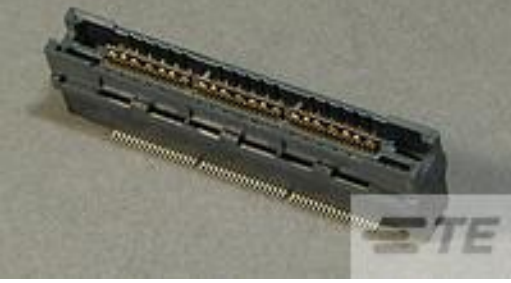
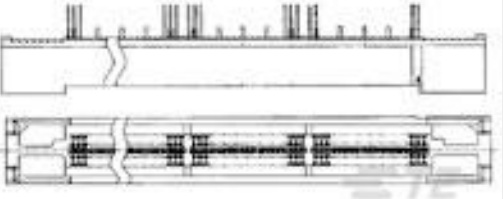
Solder Process Capability

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 # 5767054-3 MICT,RECPT,114,ASSY,PDNI	 TE Part # 2-5767004-4 MICTOR RECEPT ASSY, 114 POS.	 TE Part # 1-5767096-0 MICT,REC,114,ASY,.025,TAPE,CAP	 TE Part # 1-5767115-0 MICT,REC,114,ASY,.025 TAPE PKG
 TE Part # 5767044-3 MICTOR,R/A,RECPT,.062,114,ASY	 TE Part # 5767061-3 MICT,RECPT,114,ASSY,093,PDNI	 TE Part # 5767081-3 MICT,REC,114,ASY,PDNI,BARBLESS	 TE Part # 5767089-3 MICTOR,R/A,RECPT,.093,114,ASY
 TE Part # 5767094-3 MICT,RECPT,114,ASY,PDNI,EXTD	 TE Part # 5767115-3 MICT,REC,114,ASY,.025 TAPE PKG	 TE Part # 5767143-3 MICT,R/A,RCPT,114,ASY,062,30AU	 TE Part # 5767181-3 MICT,RECPT,114,ASSY,PDNI

Customers Also Bought





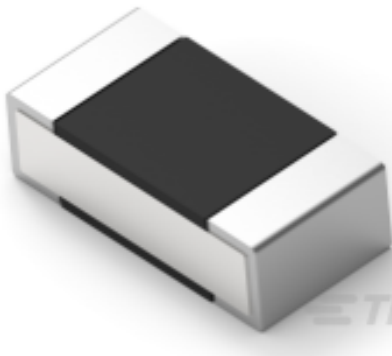
TE Part #5747150-9
09 RCPT SP/FMS INSRT



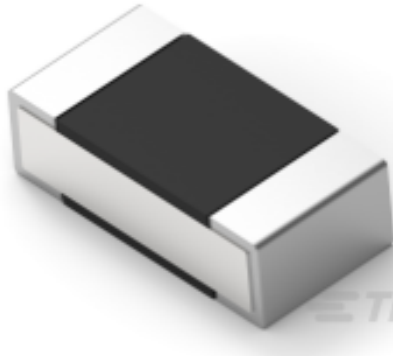
TE Part #4-1879022-5
SMF3 22K 5%



TE Part #7-1879028-8
RN 0805 332K 0.1% 10PPM 1K RL



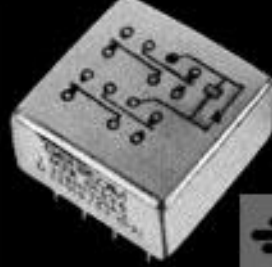
TE Part #2-2176308-6
RP 1E 0.1W 243K 0.1% 25PPM 5K RL



TE Part #4-2176306-9
RP 1E 0.1W 3K65 0.1% 25PPM 5K RL



TE Part #6641710001
TMS-SCE-1/4-2.0-9



TE Part #1-1617076-1
3SBH1139A2 = M39016/14-002M



TE Part #443976-1
AMPLIMITE,ASY,RCPT,POSTD,109,1



TE Part #1513472-5
UAM Assembly 360mm cable



TE Part #1218125-3
25 POS,ASSY,PLUG,LOW PROF,109

Documents

Product Drawings

MICTOR,RA PLUG,114,.093PCB,ASY

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_5767039-3_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_5767039-3_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_5767039-3_B1.3d_stp.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_5767039-3_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5767039-3_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5767039-3_D.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