

**MICTOR**

TE Internal #: 5767039-5

PCB Mount Header, Straddle Mount, Board-to-Board, 190 Position,  
.64 mm [.025 in] Centerline, Gold, Surface Mount, Signal, Black[View on TE.com >](#)

Connectors &gt; PCB Connectors &gt; PCB Headers &amp; Receptacles

PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Straddle Mount**Connector System: **Board-to-Board**Number of Positions: **190**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	5
Number of Columns	95
Stackable	No
Number of Signal Positions	190
PCB Mount Orientation	Straddle Mount
Number of Positions	190
Board-to-Board Configuration	Parallel

**Electrical Characteristics**

Dielectric Withstanding Voltage (Max)	500 VAC
Insulation Resistance	2 MΩ
Impedance	190 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 $\mu$ m[149.9997 – 249.9995 $\mu$ in]
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 $\mu$ in
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 Printed Circuit Board	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

### Housing Features

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

### Dimensions

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Connector Length	76.2 mm[3 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
Agency/Standard	CSA, UL
Approved Standards	CSA 1195944, UL E28476
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Quantity	7
Packaging Type	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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 5767054-5 MICT,RECPT,190,ASSY,PDNI	TE Part # 5767130-5 MICT,RCPT,190,ASY,GOLD,EXTD	TE Part # 2-5767004-6 MICTOR RECEPT ASSY, 190 POS.	TE Part # 1-5767096-2 MICT,REC,190,ASY,.025,TAPE,CAP
TE Part # 1-5767114-2 MICT,REC,190,ASY,.025,TAPE PKG	TE Part # 1-5767115-2 MICT,REC,190,ASY,.025 TAPE PKG	TE Part # 1-5767153-2 190 POS. .355 VERTICAL RECEPTEA	TE Part # 1-5767178-2 MICTOR RAISED VERT RECPT ASSY,
TE Part # 5767061-5 MICT,RECPT,190,ASSY,093,PDNI	TE Part # 5767081-5 MICT,REC,190,ASY,PDNI,BARBLESS	TE Part # 5767089-5 MICTOR,R/A,RECPT,.093,190,ASY	TE Part # 5767094-5 MICT,RECPT,190,ASY,PDNI,EXTD
TE Part # 5767095-5 MICT,REC,EXT,190,ASY,PDNI,025	TE Part # 5767096-5 MICT,REC,190,ASY,.025,TAPE PKG	TE Part # 5767110-5 MICT,RECPT,190,ASSY,.025	TE Part # 5767114-5 MICT,REC,190,ASY,.025,TAPE,CAP



TE Part # 5767115-5  
MICT,REC,190,ASY,.025 TAPE PKG

TE Part # 5767143-5  
MICT,R/A,RCPT,190,ASY,062,30AU

TE Part # 5767154-5  
190 POS. .355 VERTICAL RECEP

TE Part # 5767178-5  
MICTOR RAISED VERT RECPT ASSY,

### Customers Also Bought

TE Part #5177984-2  
0.8FH,P05H.5,060,08/Sn,TU

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

TE Part #747844-3  
09 MSFL RCPT RA 318 (IN,FM,BL)

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

TE Part #2-5767004-7  
MICTOR RECEPT ASSY, 228 POS.

TE Part #008735-000  
0024G0024-9X

TE Part #5177984-5  
0.8FH,P05H.5,120,08/Sn,TU

TE Part #1-767007-2  
MICT,260PLUG,190,ASSY,.025,REC

TE Part #5767006-4  
MICT,R/APLUG,152,ASY,.025,.062

### Documents

#### Product Drawings

MICTOR,RA PLUG,190,.093PCB,ASY

English

#### CAD Files

3D PDF

English

#### Customer View Model

ENG\_CVM\_5767039-5\_B1.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_5767039-5\\_B1.3d\\_igs.zip](#)

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[ENG\\_CVM\\_5767039-5\\_B1.3d\\_stp.zip](#)

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**3D PDF**

3D

**Customer View Model**

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**Customer View Model**

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English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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## Datasheets & Catalog Pages

[MICTOR Interconnection System](#)

English

[Fine Pitch Stacking Connectors - 0.635mm MICTOR Connectors](#)

English

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## Product Specifications

[Application Specification](#)

English