



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: **114**
Centerline (Pitch): **.64 mm [.025 in]**

Features

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Electrical Characteristics

Operating Voltage	3 VDC
Impedance	50 Ω
Insulation Resistance	2 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

Dimensions

Stack Height	31.9 mm, 22.86 mm, 22.96 mm[1.255 in][.9 in]
Connector Width	8.13 mm[.32 in]
PCB Thickness (Recommended)	1.57 mm[.8 in]
Connector Height	22.66 mm[.892 in]
Connector Length	50.8 mm[2 in]

Packaging Features



Packaging Quantity	10
Packaging Method	Tube, Box

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

Mechanical Attachment

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

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

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.76 µm[29.9212 µin]
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

Housing Features

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

Configuration Features

Number of Columns	57
Number of Signal Positions	114
Number of Power Positions	3
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	114

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

Body Features

Primary Product Color	Black
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Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

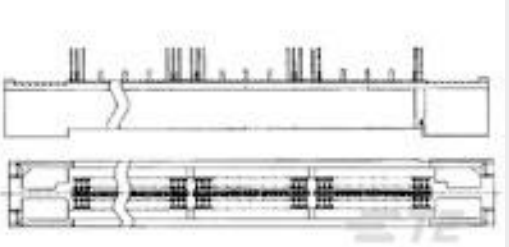
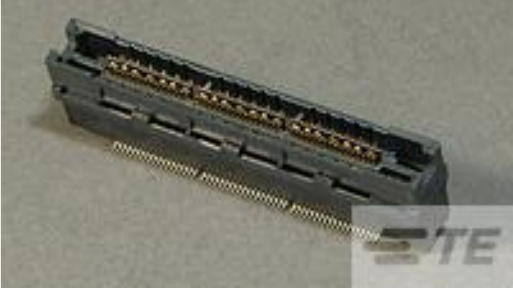
Solder Process Capability

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

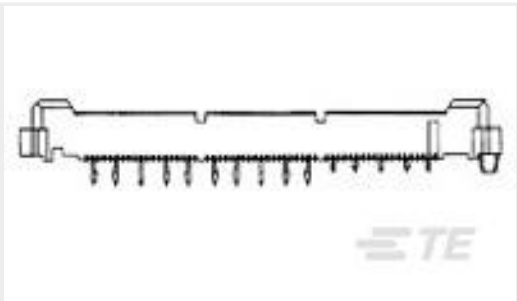
 TE Part # 5767044-3 MICTOR,R/A,RECPT,.062,114,ASY	 TE Part # 5767094-3 MICT,RECPT,114,ASY,PDNI,EXTD	 TE Part # 5767115-3 MICT,REC,114,ASY,.025 TAPE PKG	 TE Part # 1-5767115-0 MICT,REC,114,ASY,.025 TAPE PKG
 TE Part # 2-5767004-4 MICTOR RECEPT ASSY, 114 POS.	 TE Part # 5767054-3 MICT,RECPT,114,ASSY,PDNI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



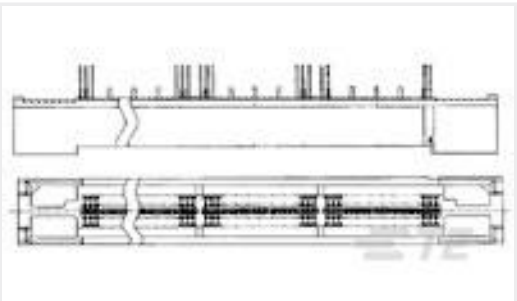
TE Part # 5767081-3
[MICT,REC,114,ASY,PDNI,BARBLESS](#)



TE Part # 5767061-3
[MICT,RECPT,114,ASSY,093,PDNI](#)



TE Part # 5767089-3
[MICTOR,R/A,RECPT,093,114,ASY](#)



TE Part # 5767143-3
[MICT,R/A,RCPT,114,ASY,062,30AU](#)

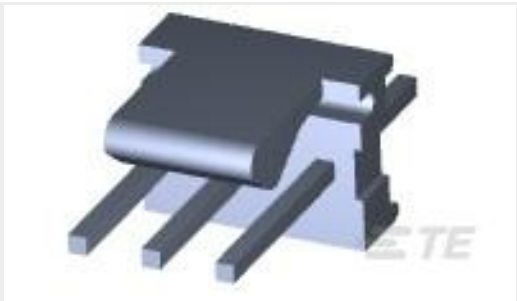
Customers Also Bought



TE Part #5227699-2
[BNC PCB VERTICAL](#)



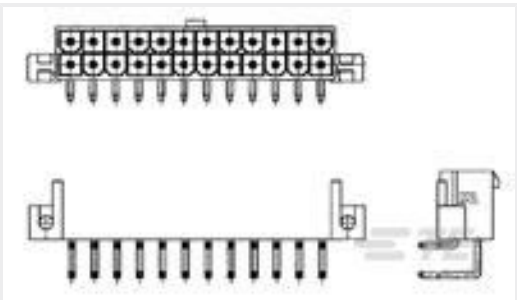
TE Part #5747841-4
[15 MSFL PLUG RA 318 \(IN,FM,BL\)](#)



TE Part #3-641215-3
[03P MTA100 HDR ASSY FL/ST 30AU](#)



TE Part #1-770178-1
[06P MINI UMNL ASSY VO SNAU LF](#)



TE Part #1586043-8
[8P VAL-U-LOK R/A HDR SCR MT V2](#)



TE Part #1879208-1
[CPF 0402 10R 0.1% 25PPM 1K RL](#)



TE Part #1761685-9
[IDC LOW PRO HDR 26P VERT SHT LAT](#)



TE Part #1825282-1
[SSJ12R04/SSJ91431F04=SPDT SLIDE SWITCH](#)



TE Part #2-2176339-0
[CRGCQ 0603 390R 1%](#)



TE Part #5-1393788-5
[V23079D1001B301](#)

Documents

Product Drawings

[MICT,900PLUG,114,ASSY,.025,REC](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_5767017-3_A.2d_dxf.zip](#)

5767017-3

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



English

Customer View Model

[ENG_CVM_CVM_5767017-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5767017-3_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