

2-5767004-4 ✓ ACTIVE

MICTOR

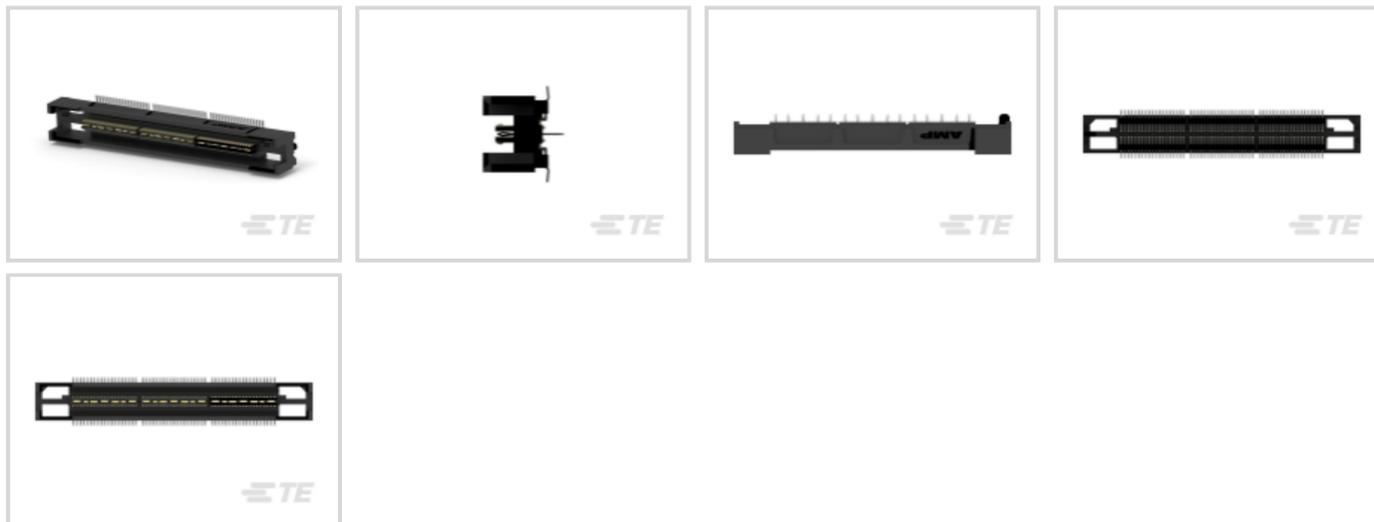
TE Internal #: 2-5767004-4

PCB Mount Receptacle, Vertical, Board-to-Board, 114 Position, .64 mm [.025 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount, Signal, Black

[View on TE.com >](#)



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **114**

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

Features

Product Type Features

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

Configuration Features

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



Number of Positions	114
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Electrical Characteristics

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

Data Rate	10 Gb/s
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Differential Signaling	Yes
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Body Features

Primary Product Color	Black
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
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Contact Mating Area Plating Material Thickness	.76 μm[29.92 μin]
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PCB Contact Termination Area Plating Material Thickness	3.81 μm[149.9997 μin]
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Contact Shape & Form	Dual Beam
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Contact Layout	Inline
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Contact Base Material	Copper Alloy
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PCB Contact Termination Area Plating Material	Tin
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Contact Mating Area Plating Material Finish	Matte
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Contact Mating Area Plating Material	Gold (Au)
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Contact Type	Socket
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Contact Current Rating (Max)	11.5 A
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Termination Features

Rectangular Termination Post & Tail Width	.54 mm[.021 in]
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Rectangular Termination Post & Tail Thickness	.2 mm[.008 in]
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Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mating Retention	With
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PCB Mount Retention Type	Boardlock
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PCB Mount Alignment Type	Positioning Bosses
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PCB Mount Retention	With
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PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

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

Dimensions

Stack Height	2.5 mm, 6.6 mm, 9 mm, 10.92 mm, 17.96 mm, 18.75 mm, 20 mm, 22.86 mm [.9 in]
Connector Width	6.9 mm [.272 in]
PCB Thickness (Recommended)	1.57 mm [.8 in]
Connector Height	5.99 mm [.236 in]
Connector Length	50.8 mm [2 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

Compatible With Agency/Standards Products	CSA, UL
UL Rating	Listed
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: JAN 2025 (247)

Candidate List Declared Against: JAN 2025 (247)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

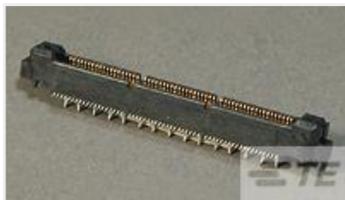
Solder Process Capability

Reflow solder capable to 260°C

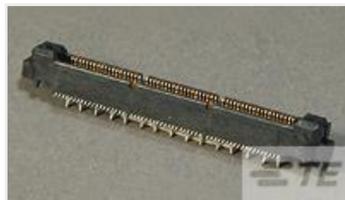
Product Compliance Disclaimer

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 # 5767118-3
MICT,PLG,114,ASY,.025,TAPE CAP



TE Part # 1-5767119-0
MICT,PLG,114,ASY,.025,TAPE PKG



TE Part # 5767017-3
MICT,900PLUG,114,ASSY,.025,REC



TE Part # 5767149-3
MICT,495,PLG,114,TAPE,CAP



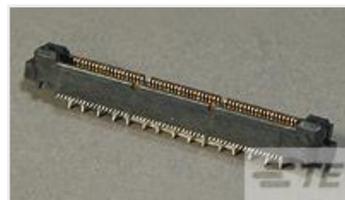
TE Part # 1-5767149-0
MICTOR PLUG ASSY IN TAPE & REE



TE Part # 1-5767005-0
MICT,495PLUG,114,ASSY,.025,REC



TE Part # 5767057-3
MICT,495,PLUG,114,PDNI



TE Part # 5767111-3
MICT,PLG,114,ASY,.025 TAPE PKG




TE Part # 5767006-3
MICT,R/APLUG,114,ASY,.025,.062



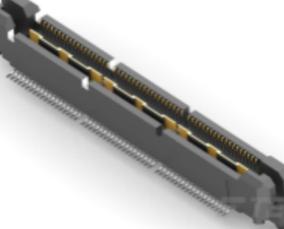
TE Part # 1-5767017-3
MICT,900PLUG,114,ASSY,.025,REC



TE Part # 1-5767121-0
MICT,PLG,114,ASY,.025,TAPE PKG



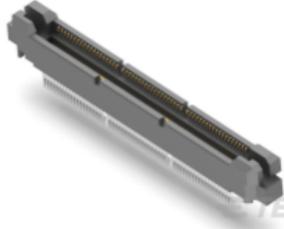
TE Part # 1-5767118-0
MICT,PLG,114,ASY,.025,TAPE PKG



TE Part # 1-5767007-0
MICT,260PLUG,114,ASSY,.025,REC



TE Part # 5767042-3
MICT,738PLUG,114,ASSY,.025,EXT



TE Part # 5767039-3
MICTOR,RA PLUG,114,.093PCB,ASY

Customers Also Bought



TE Part #1624000-3
SC30-10-2525-10 10UH AMMO 1000



TE Part #5747842-5
25 MSFL PLUG RA 318 (SL,FM,BL)



TE Part #5-2176633-3
SQMB10 150R (WIRE) 5%



TE Part #L9000335-01
2.92 Jack to 2.92 Jack



TE Part #CONBNC001
BNC Jack 50 Ohm PCB Through Hole



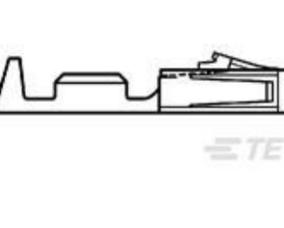
TE Part #5-2176328-5
CRGP 1206 330K 1%



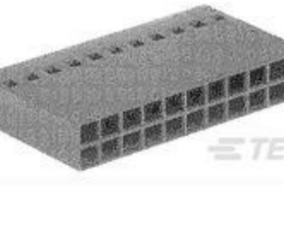
TE Part #1437284-9
MERTEC FTERM AU 13002630101



TE Part #2267795-3
CA, MTE FOW-FOW, 4POS, 75mm 15Au, 24AWG



TE Part #5-104481-2
SHORT POINT CONT PLTD SN



TE Part #1-104482-4
32 SHORT PT RCPT HSG DR .100CL

Documents



Product Drawings

[MICTOR RECEPT ASSY, 114 POS.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-5767004-4_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-5767004-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-5767004-4_B.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