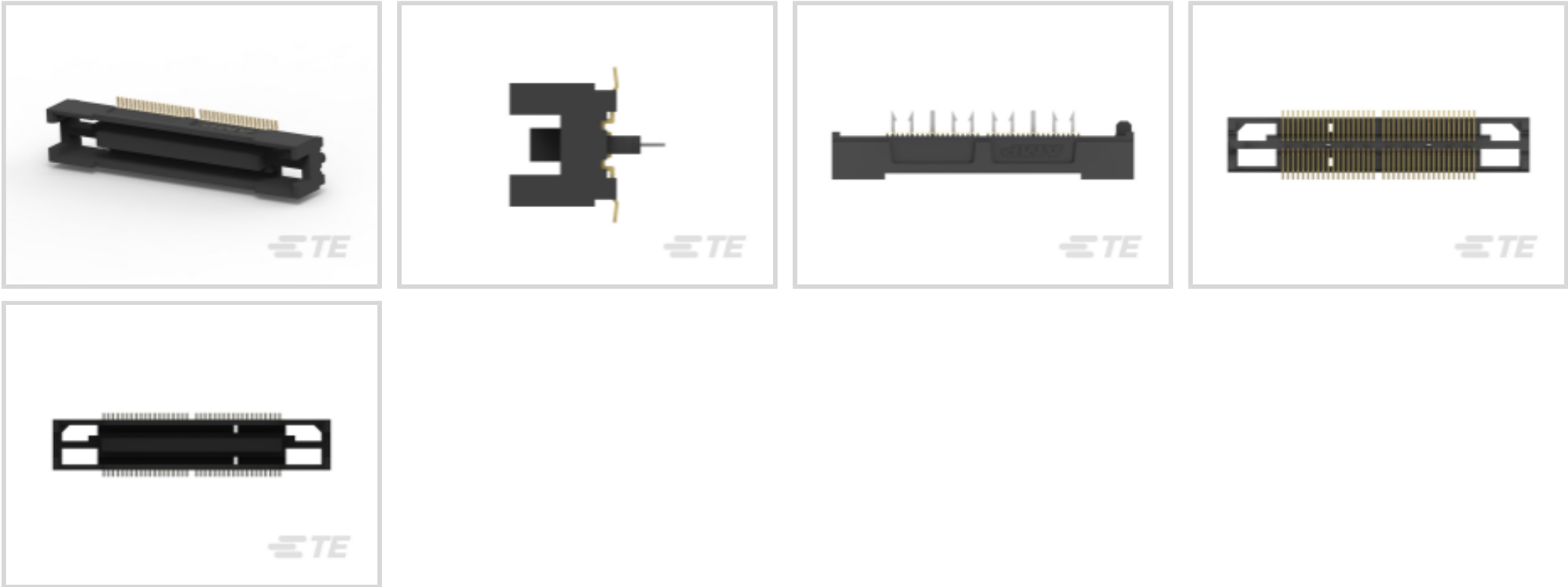




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **76**

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

Features

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Electrical Characteristics

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

Dimensions

Stack Height	9 mm, 10.92 mm, 20 mm, 17.96 mm, 6.6 mm, 12.57 mm, 22.86 mm, 18.75 mm[.9 in]
Connector Width	6.9 mm[.272 in]
PCB Thickness (Recommended)	1.57 mm[.13 in]
Connector Height	5.99 mm[.236 in]
Connector Length	38.1 mm[1.499 in]



Packaging Features

Packaging Quantity	14
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	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Rectangular Termination Post & Tail Width	.53 mm[.021 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	.127 µm[4.99999 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 Flash over Palladium Nickel
Contact Type	Socket
Contact Current Rating (Max)	11.5 A



Housing Features

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

Configuration Features

Number of Columns	38
Number of Signal Positions	76
Number of Power Positions	2
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	76

Product Type Features

Ground Feature Type	Ground Bus
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Header Type	Fully Shrouded
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
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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

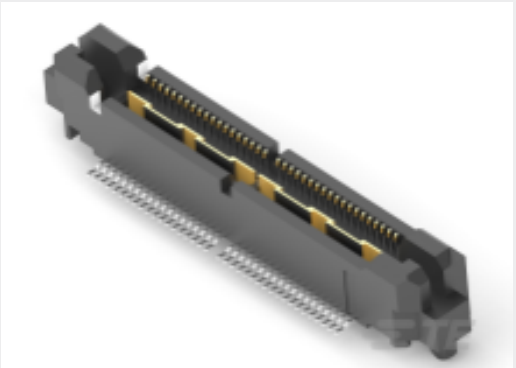
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2007649-2 MICT,SMT,260,PLUG,76,ASSY,PDNI	 TE Part # 5767149-2 MICTOR PLUG ASSY IN TAPE & REE	 TE Part # 5767042-2 MICT,738PLUG,076,ASSY,.025,EXT	 TE Part # 5767017-2 MICT,900PLUG,76,ASSY,.025,REC
 TE Part # 1-5767032-6 MICT,788PLUG,76,ASSY,W VAC CAP	 TE Part # 5767111-2 MICT,PLG,076,ASY,.025 TAPE PKG	 TE Part # 5767119-9 MICT,PLG,076,ASY,.025,TAPE PKG	 TE Part # 5767118-2 MICT,PLG,076,ASY,.025,TAPE CAP



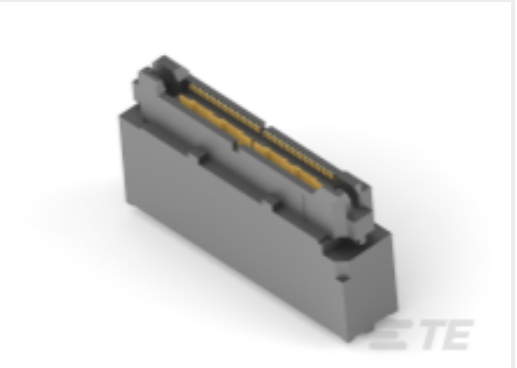
TE Part # 5767082-2
[MICT,495,PLUG,076,PDNI,BARBLES](#)



TE Part # 5767007-9
[MICT,260PLUG,76,ASSY,.025,REC](#)



TE Part # 5767005-9
[MICT,495PLUG,076,ASSY,.025,REC](#)



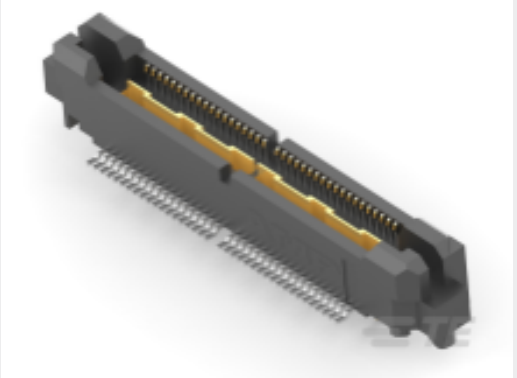
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[MICT,788PLUG,76,ASSY,.025,REC](#)



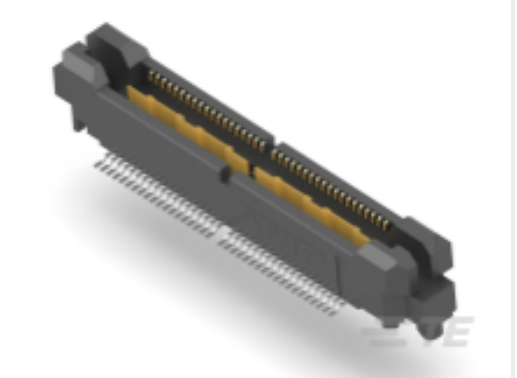
TE Part # 5767149-9
[MICTOR PLUG ASSY IN TAPE & REE](#)



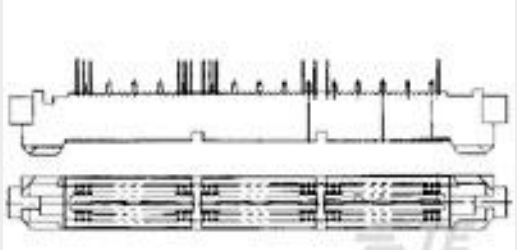
TE Part # 5767025-2
[MICTOR .707 PLUG ASSY, 76 POS.](#)



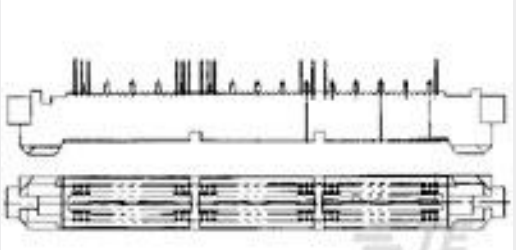
TE Part # 5767117-2
[MICT,260,PLG,076,ASY,.025,PDNI](#)



TE Part # 5767056-2
[MICT,260,PLUG,76,ASSY,PDNI](#)



TE Part # 5767055-2
[MICT,R/APLUG,ASSY,76,PDNI](#)

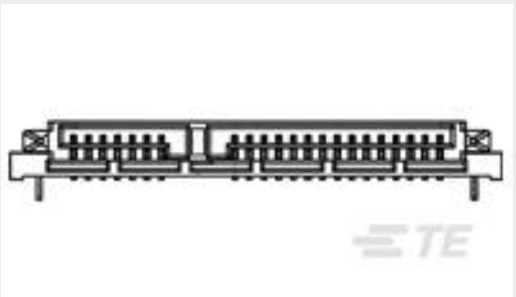


TE Part # 5767039-2
[MICTOR,RA PLUG,076,.093PCB,ASY](#)

Customers Also Bought



TE Part #1-5767007-1
[MICT,260PLUG,152,ASSY,.025,REC](#)



TE Part #2023246-2
[ASS'Y SATA REC. R/A SMT TYPE 3.45H](#)



TE Part #5532903-2
[ASSY,RECPT,R.ANGLE,HDI,LEAD-FR](#)



TE Part #5767006-1
[MICT,R/APLUG,38,ASSY,.025,.062](#)



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



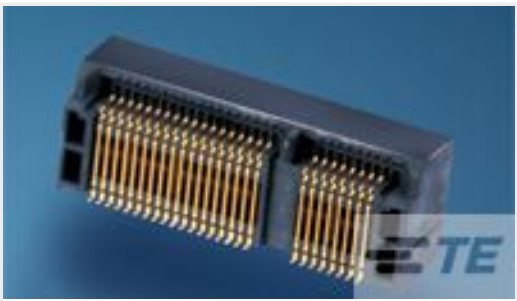
TE Part #5767006-4
[MICT,R/APLUG,152,ASY,.025,.062](#)



TE Part #5745132-2
[HD-20 RCPT 25P RA 318](#)



TE Part #5767055-4
[MICT,R/APLUG,ASSY,152,PDNI](#)



TE Part #1759546-1
0.8mm Mini PCI-Express 9.9 Height



TE Part #1825138-3
A201KZQ04

Documents

Product Drawings

MICT,RECPT,76,ASSY,PDNI

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5767054-2_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5767054-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5767054-2_O.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_5767054-2_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_5767054-2_O.3d_igs.zip

English

Customer View Model

ENG_CVM_5767054-2_O.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