



MICTOR

TE Internal #: 5767054-6

PCB Mount Receptacle, Vertical, Board-to-Board, 228 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: **228**

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

Features

Product Type Features

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	114
Number of Signal Positions	228
Number of Power Positions	6
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	228



Electrical Characteristics

Operating Voltage	6 VDC
Impedance	228 Ω
Insulation Resistance	2 M Ω
Dielectric Withstanding Voltage (Max)	500 VAC

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 μ m[150 – 250 μ in]
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 (Au)
Contact Type	Socket
Contact Current Rating (Max)	11.5 A

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

Mechanical Attachment

Mating Retention	Without
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
PCB Mount Alignment Type	Locating Posts



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

Housing Features

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

Dimensions

Stack Height	6.6 mm, 9 mm, 10.92 mm, 12.57 mm, 17.96 mm, 18.75 mm, 20 mm, 22.86 mm [.9 in]
Connector Width	6.9 mm [.272 in]
Connector Height	5.99 mm [.236 in]
Connector Length	88.9 mm [3.5 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	6
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

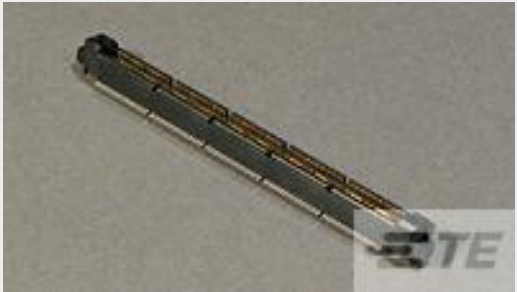
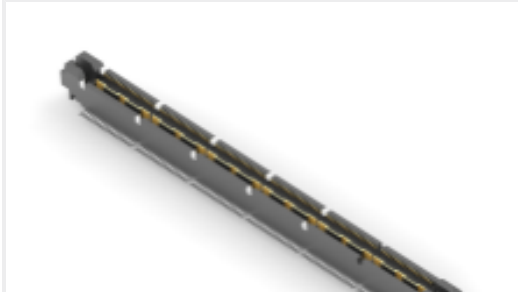
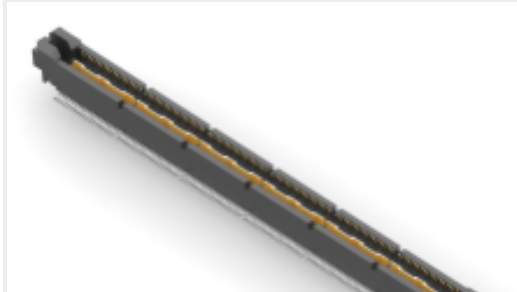
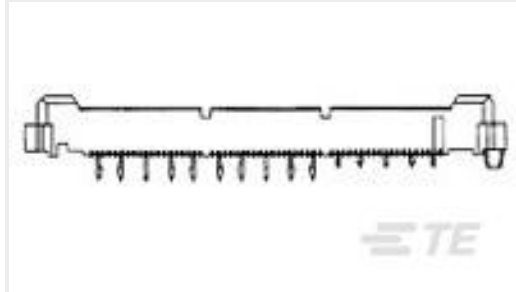
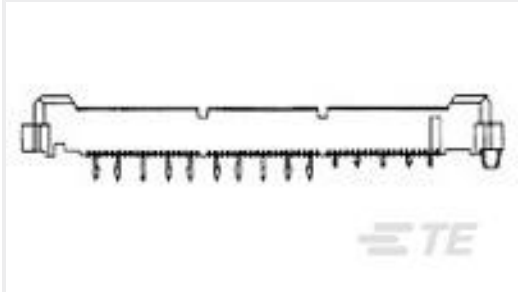
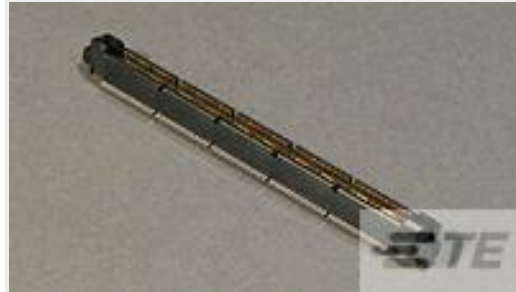
Solder Process Capability

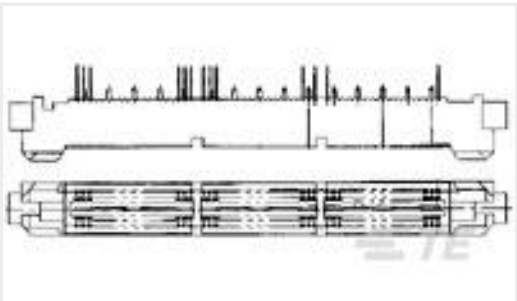
Reflow solder capable to 260°C

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

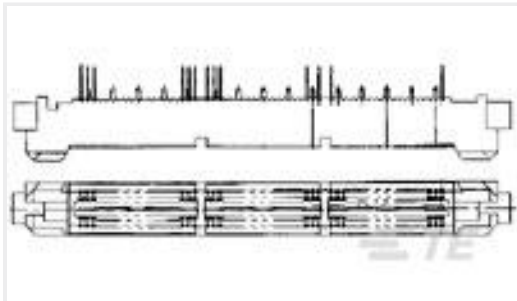
 TE Part # 5767056-6 MICT,260,PLUG,228,ASSY,PDNI	 TE Part # 1-5767007-3 MICT,260PLUG,228,ASSY,.025,REC	 TE Part # 5767117-6 MICT,260,PLG,228,ASY,.025,PDNI	 TE Part # 5767042-6 MICT,738PLUG,228,ASSY,.025,EXT
 TE Part # 5767120-6 MICT,495PLG,228,ASY,.025,AUPLT	 TE Part # 5767025-6 MICTOR .707 PLUG ASSY, 228 POS	 TE Part # 5767057-6 MICT,495,PLUG,228,PDNI	 TE Part # 5767116-6 MICT,260PLG,228,ASY,.025,AUPLT



TE Part # 5767006-6
[MICT,R/APLUG,228,ASY,.025,.062](#)



TE Part # 1-5767005-3
[MICT,495PLUG,228,ASSY,.025,REC](#)



TE Part # 5767039-6
[MICTOR,RA PLUG,228,.093PCB,ASY](#)

Customers Also Bought



TE Part #2313225-2
[NanoRF, DC, 12 POS, AL](#)



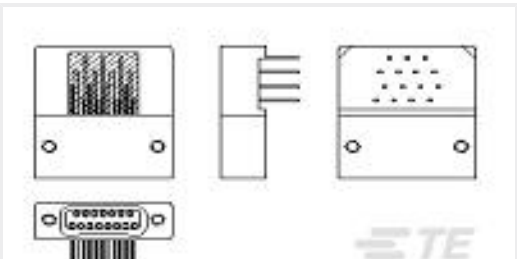
TE Part #2007456-2
[1x3 QSFP Kit Assy Bhnd Bzl,SAN](#)



TE Part #2359410-1
[ASSEMBLY, HYBRID NanoRF/MT DC MODULE](#)



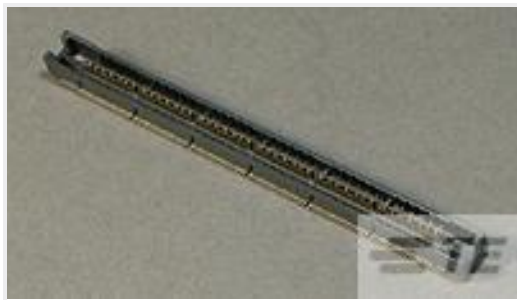
TE Part #YDTS20W25-20PAV001
[RECP ASSY](#)



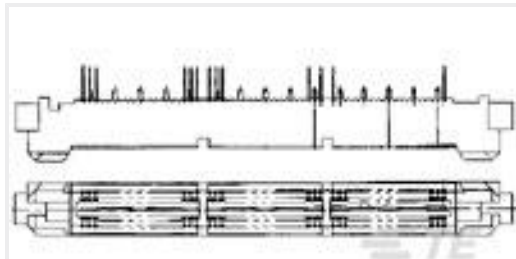
TE Part #1589809-3
[STL015W6SN = THRU-HOLE](#)



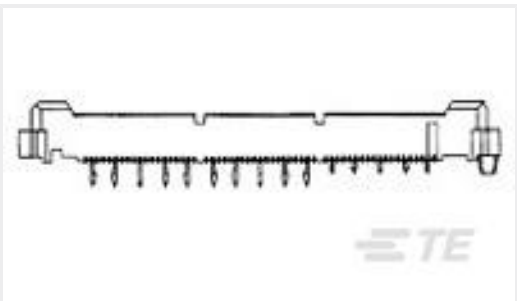
TE Part #2332627-1
[NanoRF, BP, 8 POS, SS, 67.3 COM](#)



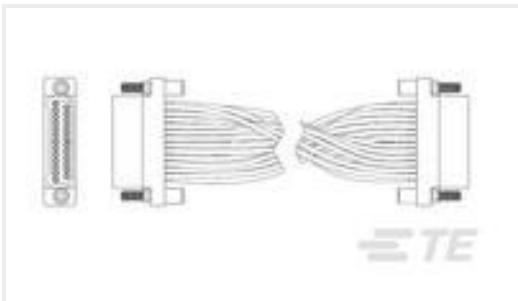
TE Part #767054-6
[MICT,RECPT,228,ASSY,PDNI](#)



TE Part #5767055-6
[MICT,R/APLUG,ASSY,228,PDNI](#)



TE Part #5767017-6
[MICT,900PLUG,228,ASSY,.025,REC](#)



TE Part #9-1589737-2
[JTL015PP2DC006N =Wdualobe](#)

Documents

[Product Drawings](#)
[MICT,RECPT,228,ASSY,PDNI](#)
English

[CAD Files](#)
[3D PDF](#)
3D
[Customer View Model](#)
[ENG_CVM_CVM_5767054-6_O.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_5767054-6_O.3d_igs.zip](#)

English

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[ENG_CVM_CVM_5767054-6_O.3d_stp.zip](#)

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English

[3D PDF](#)

English

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Datasheets & Catalog Pages

[MICTOR Interconnection System](#)

English

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

English

Product Specifications

[Application Specification](#)

English