



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: **190**

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

Features

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Electrical Characteristics

Operating Voltage	5 VDC
Impedance	190 Ω
Insulation Resistance	2 MΩ
Dielectric Withstanding Voltage (Max)	500 VAC

Dimensions

Stack Height	9 mm, 10.92 mm, 20 mm, 6.6 mm, 17.96 mm, 12.57 mm, 22.86 mm, 18.75 mm[.9 in]
Connector Width	6.9 mm[.272 in]
Connector Height	5.99 mm[.236 in]
Connector Length	76.2 mm[3 in]

Packaging Features



Packaging Quantity	7
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Packaging Method	Tube, Box
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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UL Rating	Listed
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Compatible With Approved Standards Products	CSA 1195944, UL E28476
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UL Flammability Rating	UL 94V-0
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Mechanical Attachment

Mating Retention	Without
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Mating Alignment Type	Polarized
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PCB Mount Retention Type	Boardlock
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PCB Mount Alignment Type	Locating Posts
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PCB Mount Retention	With
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PCB Mount Alignment	With
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Connector Mounting Type	Board Mount
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Mating Alignment	With
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Termination Features

Rectangular Termination Post & Tail Width	.53 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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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
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	4.99999 µin
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PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 µm[149.9997 – 249.9995 µin]
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Contact Shape & Form	Dual Beam
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Contact Layout	Inline
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Contact Mating Area Length	1.63 mm[.064 in]
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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 Flash over Palladium Nickel
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Contact Type	Socket
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Contact Current Rating (Max)	11.5 A
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Housing Features

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

Configuration Features

Number of Columns	95
Number of Signal Positions	190
Number of Power Positions	5
Board-to-Board Configuration	Parallel
Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	190

Product Type Features

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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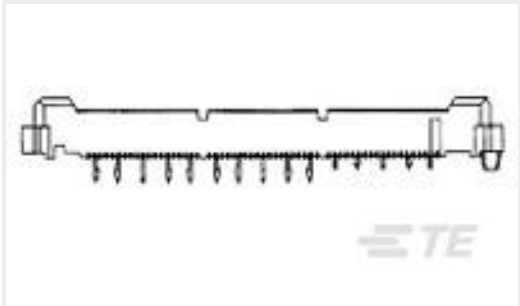
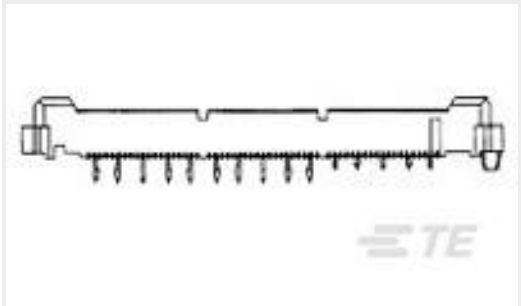
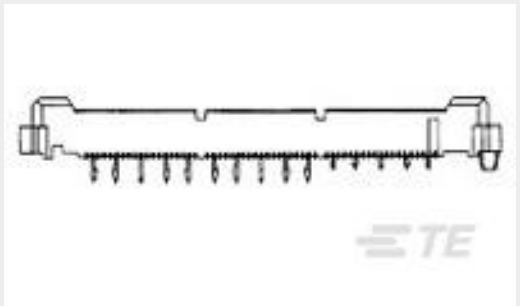
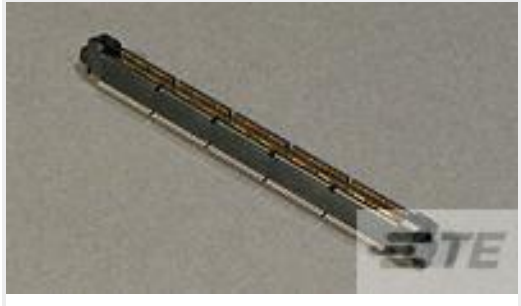
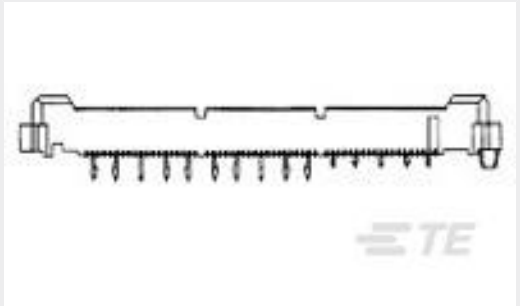
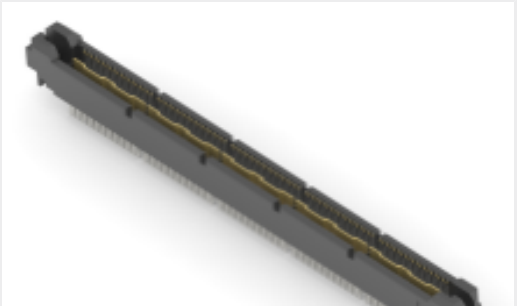


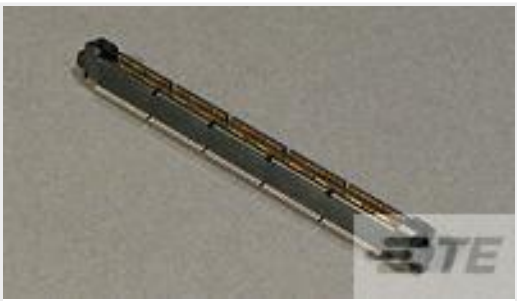
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	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

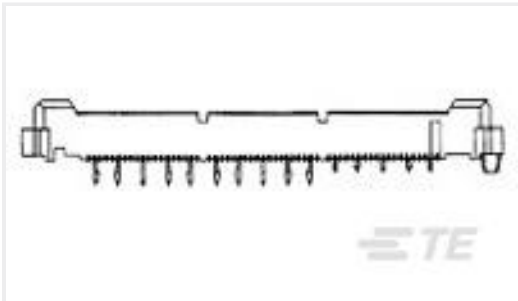
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

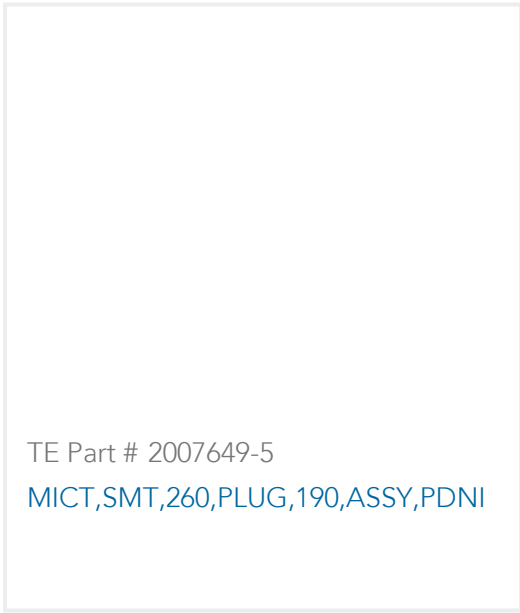
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 TE Part # 5767042-5 MICT,738PLUG,190,ASSY,.025,EXT	 TE Part # 1-5767118-2 MICT,PLG,190,ASY,.025,TAPE PKG	 TE Part # 1-5767149-2 MICTOR PLUG ASSY IN TAPE & REE	 TE Part # 5767006-5 MICT,R/APLUG,190,ASY,.025,.062



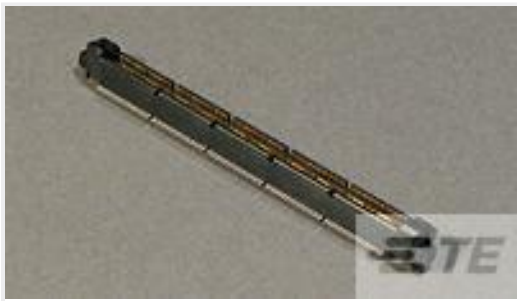
TE Part # 5767111-5
MICT,PLG,190,ASY,.025 TAPE PKG



TE Part # 5767149-5
MICT,495,PLG,190,TAPE,CAP



TE Part # 2007649-5
MICT,SMT,260,PLUG,190,ASSY,PDNI



TE Part # 1-5767119-2
MICT,PLG,190,ASY,.025,TAPE PKG



TE Part # 1-5767007-2
MICT,260PLUG,190,ASSY,.025,REC



TE Part # 5767039-5
MICTOR,RA PLUG,190,.093PCB,ASY



TE Part # 5767120-5
MICT,495PLG,190,ASY,.025,AUPLT



TE Part # 5767082-5
MICT,495,PLUG,190,PDNI,BARBLES

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING



TE Part #281934-2
SINGLE WIRE SEAL

Documents

Product Drawings
MICT,RECPT,190,ASSY,PDNI
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_5767054-5_O.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_5767054-5_O.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_CVM_5767054-5_O.3d_stp.zip](#)

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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