5767056-5 ✔ ACTIVE

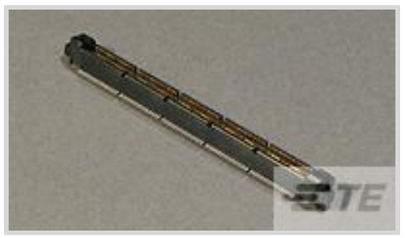
MICTOR

TE Internal #: 5767056-5

PCB Mount Header, Vertical, Board-to-Board, 190 Position, .64 mm [.025 in] Centerline, Gold (Au), Surface Mount, Signal, Black, Box / Tube

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **190**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	5 VDC
Impedance	50 Ω
Insulation Resistance	2 MΩ

Dielectric Withstanding Voltage (Max)	500 VAC

Signal Characteristics

Data Rate	10 Gb/s
Differential Signaling	Yes

Body Features

Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 µm[150 – 250 µin]
Contact Shape & Form	Dual Beam
Contact Layout	Inline
Contact Mating Area Length	.94 mm[.037 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 Thickness	.76 µm[29.92 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
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	With
PCB Mount Alignment Type	Locating Posts
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

Mating Entry Location	Top

Centerline (Pitch)	.64 mm[.025 in]
Housing Material	Matte

Dimensions

Connector Width	5.28 mm[.208 in]
Connector Height	6.38 mm[.257 in]
Connector Length	76.2 mm[3 in]
Stack Height	6.6 mm, 15.62 mm[.615 in]
PCB Thickness (Recommended)	1.57 mm[.8 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

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	7
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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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

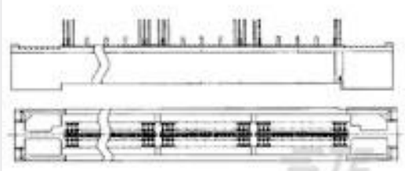
Compatible Parts



TE Part # 5767130-5
MICT,RCPT,190,ASY,GOLD,EXTD



TE Part # 5767181-5
MICT,RECPT,190,ASSY,PDNI



TE Part # 5767143-5
MICT,R/A,RCPT,190,ASY,062,30AU



TE Part # 1-5767115-2
MICT,REC,190,ASY,.025 TAPE PKG



TE Part # 2-5767004-6
MICTOR RECEPT ASSY, 190 POS.



TE Part # 5767115-5
MICT,REC,190,ASY,.025 TAPE PKG



TE Part # 5767089-5
MICTOR,R/A,RECPT,.093,190,ASY



TE Part # 5767081-5
MICT,REC,190,ASY,PDNI,BARBLESS



TE Part # 5767054-5
MICT,RECPT,190,ASSY,PDNI

Customers Also Bought



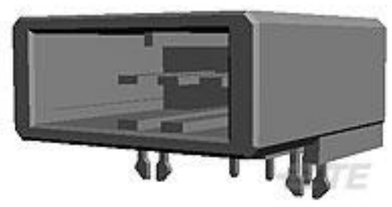
TE Part #63598-1
MAG-MATE 250 F-TAB TPBR



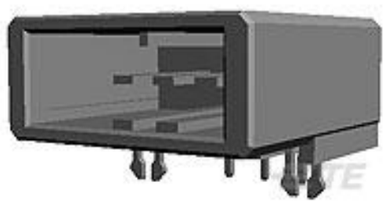
TE Part #1879129-5
RN 0402 1K24 0.1% 10PPM 1K RL



TE Part #4-1879353-8
RR02 5% 390K AMMO



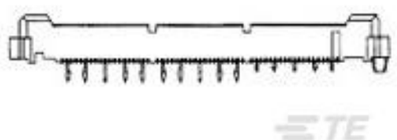
TE Part #2-2013519-0
DYNAMIC D3900 H-HDR ASSY 10P Y TYPE-A



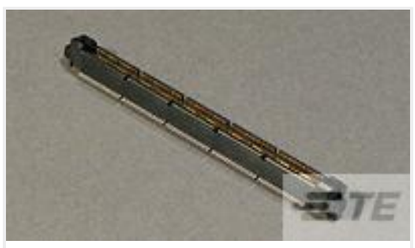
TE Part #9-2013519-0
DYNAMIC D3900 H-HDR ASSY 7/10P Z TYPE-A



TE Part #2110742-1
SFP+ 1x6 Cage and Light Pipe Assy



TE Part #2-5767004-6
MICTOR RECEPT ASSY, 190 POS.



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



TE Part #5767054-5
MICT,RECPT,190,ASSY,PDNI



TE Part #1-6609035-1
10ESK7=F7232 S0

Documents

Product Drawings

MICT,260,PLUG,190,ASSY,PDNI

English

CAD Files

Customer View Model

ENG_CVM_CVM_5767056-5_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5767056-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5767056-5_C.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