# 5767007-8 ✔ ACTIVE

MICTOR

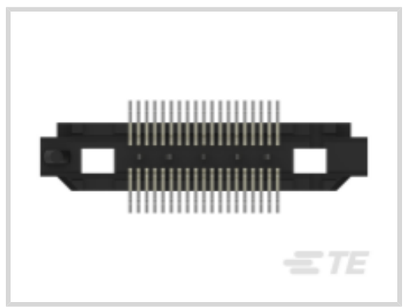
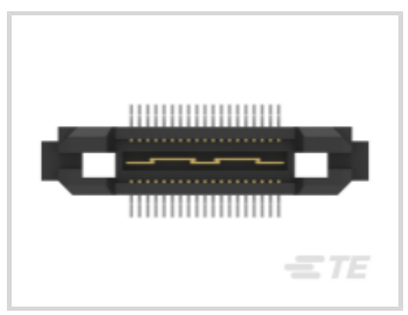
TE Internal #: 5767007-8

PCB Mount Header, Vertical, Board-to-Board, 38 Position, .64mm [.025in] Centerline, Gold, Printed Circuit Board, 11.5A Contact Current Rating (Max)

View on TE.com >

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **38**

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

## Features

### Product Type Features

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

### Configuration Features

| | |
|---|---|
| Number of Power Positions | 1 |
| Number of Rows | 2 |
| Number of Columns | 19 |
| Stackable | Yes |
| Number of Signal Positions | 38 |
| PCB Mount Orientation | Vertical |
| Number of Positions | 38 |
| Board-to-Board Configuration | Parallel |

## Electrical Characteristics

| | |
|---|---|
| Dielectric Withstanding Voltage (Max) | 500 VAC |
| Insulation Resistance | 2 MΩ |
| Impedance | 50 Ω |
| Operating Voltage | 30 VAC |

## Signal Characteristics

| | |
|---|---|
| Differential Signaling | Yes |
| Data Rate | 10 Gb/s |

## Contact Features

| | |
|---|---|
| Contact Layout | Inline |
| Contact Mating Area Length | .94 mm[.037 in] |
| PCB Contact Termination Area Plating Material Thickness | 3.81 – 6.35 µm[149.9997 – 249.9995 µin] |
| PCB Contact Termination Area Plating Material Finish | Matte |
| Contact Shape & Form | Dual Beam |
| Contact Mating Area Plating Material Finish | Matte |
| PCB Contact Termination Area Plating Material | Tin |
| Contact Base Material | Copper Alloy |
| Contact Mating Area Plating Material | Gold |
| Contact Mating Area Plating Material Thickness | .76 µm[29.99994 µin] |
| Contact Type | Tab |
| Contact Current Rating (Max) | 11.5 A |

## Termination Features

| | |
|---|---|
| Rectangular Termination Post & Tail Thickness | .2 mm[.008 in] |
| Rectangular Termination Post & Tail Width | .54 mm[.021 in] |
| Termination Method to Printed Circuit Board | Surface Mount |

## Mechanical Attachment

| | |
|---|---|
| PCB Mount Alignment Type | Locating Posts |
| Mating Retention | With |
| Mating Alignment | With |
| PCB Mount Retention | With |
| PCB Mount Alignment | With |
| Connector Mounting Type | Board Mount |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Connector Length | 25.4 mm[1 in] |
| Connector Height | 6.38 mm[.257 in] |
| Connector Width | 5.28 mm[.208 in] |
| Row-to-Row Spacing | 5.79 mm[.228 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

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |
| Agency/Standard | CSA |
| CSA Certified | Yes |
| CSA File Number | 1195944 |
| UL File Number | E28476 |
| UL Rating | Listed |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 21 |
| Packaging Method | Box & Tube, 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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 |

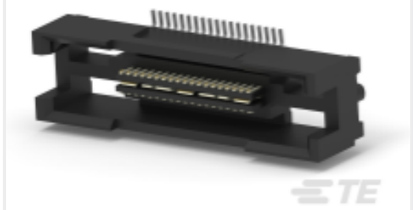
Product Compliance Disclaimer

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



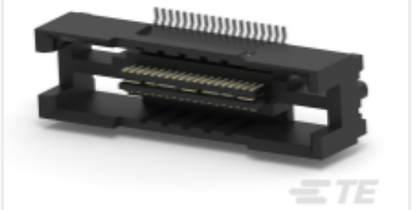
TE Part # 5767054-1
MICT,RECPT,38,ASSY,PDNI



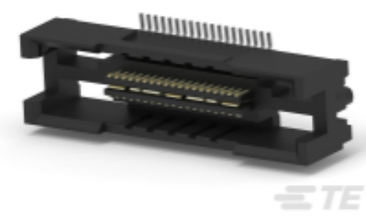
TE Part # 5767171-1
MICTOR RECEPT ASSY, 38 POS. TA



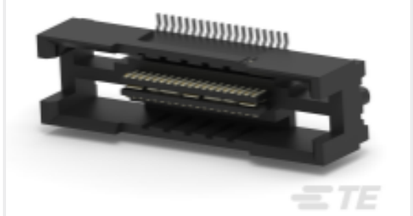
TE Part # 2-5767004-2
MICTOR RECEPT ASSY, 38 POS.



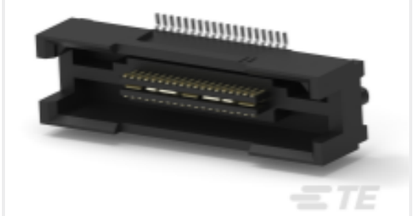
TE Part # 5767096-1
MICT,REC,038,ASY,.025,TAPE PKG



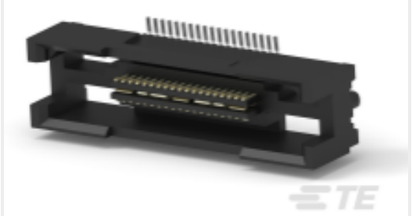
TE Part # 5767115-1
MICT,REC,038,ASY,.025 TAPE PKG



TE Part # 5767096-8
MICT,REC,038,ASY,.025,TAPE,CAP



TE Part # 5767114-1
MICT,REC,038,ASY,.025,TAPE,CAP

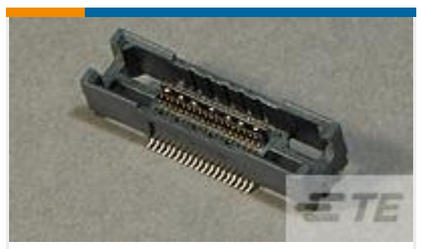


TE Part # 5767061-1
MICT,RECPT,038,ASSY,093,PDNI



TE Part # 5767089-1

MICTOR,R/A,RECPT,.093,038,ASY



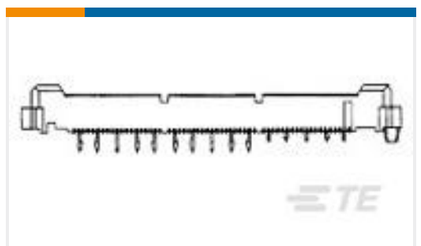
TE Part # 5767110-1

MICT,RECPT,038,ASSY,.025



TE Part # 5767130-1

MICT,RCPT,038,ASY,GOLD,EXTD



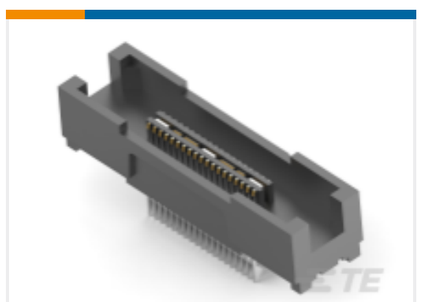
TE Part # 5767095-1

MICT,REC,EXT,038,ASY,PDNI,025



TE Part # 5767044-1

MICTOR,R/A,RECPT,.062,038,ASY



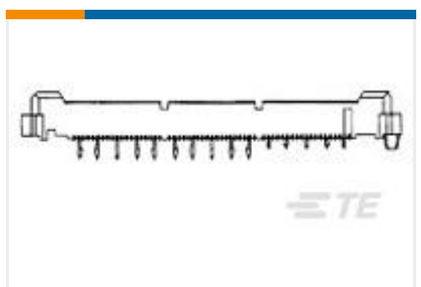
TE Part # 5767143-1

MICT,R/A,RCPT,038,ASY,062,30AU



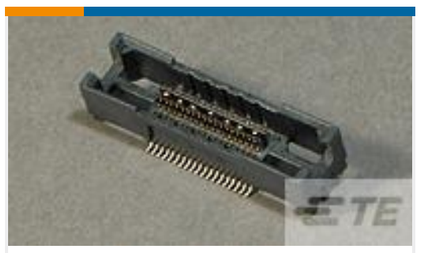
TE Part # 5767081-1

MICT,REC,038,ASY,PDNI,BARBLESS



TE Part # 5767094-1

MICT,RECPT,038,ASY,PDNI,EXTD



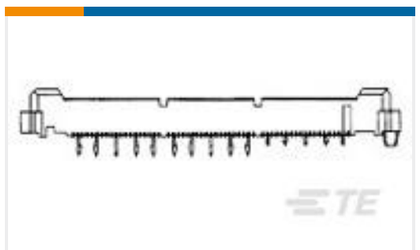
TE Part # 5767114-8

MICT,REC,038,ASY,.025,TAPE PKG



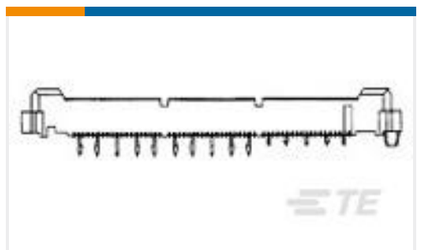
TE Part # 5767115-8

MICT,REC,038,ASY,.025 TAPE PKG



TE Part # 5767146-1

TAPE AND REEL PACKAGED MICTOR



TE Part # 5767146-8

TAPE AND REEL PACKAGED RECEPTA

## Customers Also Bought



TE Part #1-2199119-5

M.2 CONNECTORS



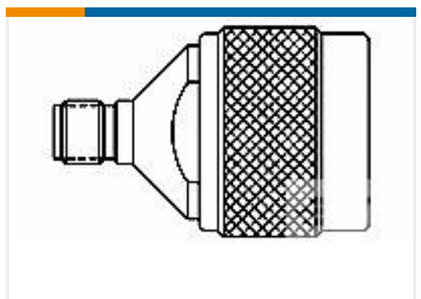
TE Part #103309-1

010 LOPRO HDR SP 30DP



TE Part #1571999-1

ADP0204=PIANO DIP SWITCH



TE Part #1057377-1

3082 2240 00,ADAPTER,N TO SMA



TE Part #1-1624112-2

3650 0402 1.0nH 10% 2K RL




TE Part #1-2176337-3

CRGCQ 0402 100R 1%



TE Part #1622209-1

LR0204 1% 2K2



TE Part #YDTS26W17-08PNV001

D38999: Straight Plug, 17-08 Insert



TE Part #166916-000
RMW-63/19-1200/ADH-0

# Documents

## Product Drawings

MICT,260PLUG,38,ASSY,.025,REC

English

## CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_5767007-8_C.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_5767007-8_C.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_5767007-8_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

Stacking Connectors Quick Reference Guide (English)

English

## Product Specifications

Application Specification

English

## Product Environmental Compliance

TE Material Declaration

English