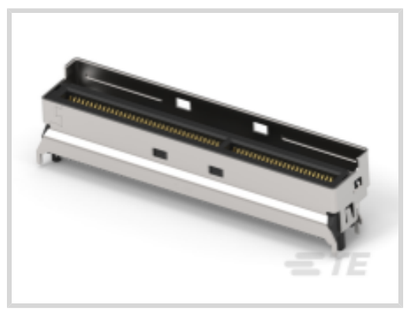
1-2381578-7 ✔ ACTIVE

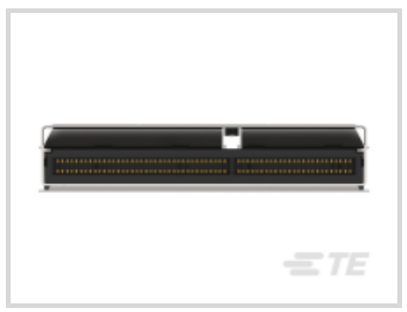
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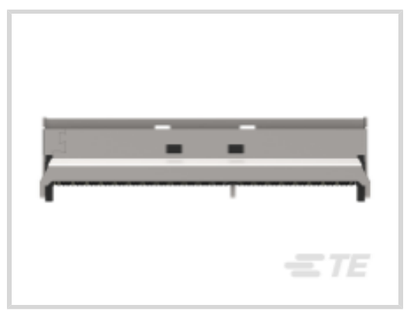
Mini Cool Edge I/O (MCIO), Cable Plug Assembly, Vertical, Cable-to-Board, 124 Position, Surface Mount, Internal I/O Connectors

View on TE.com >

Connectors > PCB Connectors > Internal I/O Connectors







Internal I/O Connector Type: **Mini Cool Edge I/O (MCIO)**

Connector Mates With: **Cable Plug Assembly**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **124**

Features

Product Type Features

Connector & Contact Terminates To	Printed Circuit Board
Internal I/O Connector Type	Mini Cool Edge I/O (MCIO)
Connector Mates With	Cable Plug Assembly
Connector System	Cable-to-Board

Configuration Features

Number of Rows	2
PCB Mount Orientation	Vertical
Number of Positions	124

Contact Features

PCB Contact Termination Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.1 A
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to PCB	Surface Mount

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.6 mm[.023 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Industry Standard	SFF-TA-1016

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	Not reviewed for solder process capability

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 # 2366557-2
CA, MCIO x16 Lateral push 30AWG 1.0 m

TE Part # 2366783-2
CA, MCIO x16 STR-RA push 30AWG 1.0m

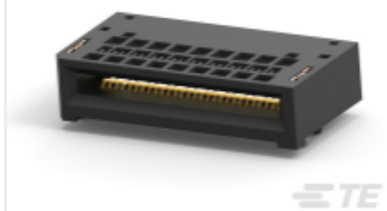


TE Part # 2366557-1
CA, MCIO x16 Lateral push 30AWG 0.5 m

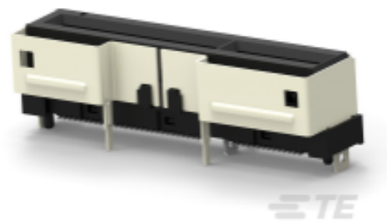


TE Part # 2366783-1
CA, MCIO x16 STR-RA push 30AWG 0.5m

Customers Also Bought



TE Part #2327672-3
RECEPT ASSY, RA, 56 POS, SLIVER 2.0



TE Part #2331813-3
CABLE REC ASSY, 84 P, VERT, SLIVER 2.0

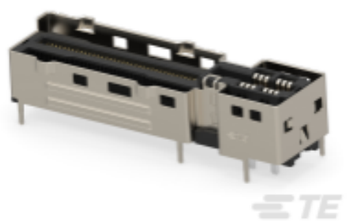


TE Part #7-2364427-4
PCIE GEN5 CON,SMT,164P,30u", MYLAR,HT



TE Part #1-2376820-1
LGA7529 TFLM ASSEMBLY W/O COVER

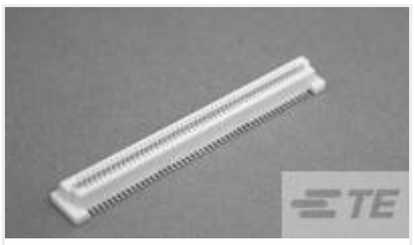
TE Part #2432269-3
ASSY STRADDLE 85Ohm 168P 062 SLIVER 2.0



TE Part #2448565-1
MXIO Receptacle 8X, CONNECTOR



TE Part #6-5177986-2
0.8FH,P06H.5,060,30/Sn,TR,SC



TE Part #5353999-2
0.8FH,R05H.5,060,30/Sn,TR,SC



TE Part #6123001-1
0.8FH,P08H.5,040,30/Sn,TR,SC

TE Part #2834434-3
MODU2.54,PIN,3P,THT,TIN

Documents

Product Drawings

MCIO INTERGRATED CONN, V/T,124P SMT TYPE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2381578-7_1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2381578-7_1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2381578-7_1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English