



TE Internal #: 2379397-7
Internal I/O Connectors, Mini Cool Edge I/O (MCIO), Cable Plug Assembly, Vertical, Cable-to-Board, SFF-TA-1016, 74 Position, Surface Mount
[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**
Industry Standard: **SFF-TA-1016**

Features

Product Type Features

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

Configuration Features

Number of Rows	2
PCB Mount Orientation	Vertical
Number of Positions	74

Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1 A



Contact Mating Area Plating Material Thickness	.076 µm[30 µin]
--	-----------------

Termination Features

Termination Method to Printed Circuit Board	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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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




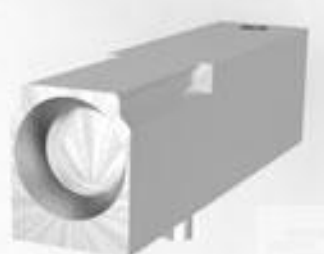








on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

			
TE Part # 2366550-1 CA, MCIO x8 Lateral push 30AWG 0.5 m	TE Part # 2366780-1 CA, MCIO x8 STR-RA push 30AWG 0.5 m	TE Part # 2366550-2 CA, MCIO x8 Lateral push 30AWG 1.0 m	TE Part # 2366780-2 CA, MCIO x8 STR-RA push 30AWG 1.0 m

Customers Also Bought

			
TE Part #1-1827872-1 DYNAMIC 1100D HDR ASSY V 22P BLACK GOLD	TE Part #1735368-1 SAS BACKPLANE RECEPT, VERTICAL	TE Part #173081-2 EIS POST ASSY V 2P GOLD NATU.	TE Part #5223957-1 UPM GUIDE MODULE
			
TE Part #223956-1 STV ERMZUB FUEHRUNGSBOLZEN J * M 1 ***	TE Part #2065657-1 zd Plus, 4 pair, receptacle assy	TE Part #5353928-1 Std USB Type A, R/A, SMT, Offset, Panel	TE Part #2291316-1 RCPT CONN VERTICAL 74 POSN SLIVER
			
TE Part #900128-1 DYNAMIC PUSH RIVET	TE Part #2170784-3 CAGE ASSY, 1X4, QSFP28, GASKET, 1LP		

Documents

Product Drawings
MCIO INTERGRATED CONN, V/T,8X, SMT TYPE
English



Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance Document

English

Product Compliance Document

English