

2381578-7

✓ ACTIVE

TE Internal #: 2381578-7

Mini Cool Edge I/O (MCIO), Cable Plug Assembly, Vertical, Cable-to-Board, SFF-TA-1016, 124 Position, Surface Mount, Internal I/O Connectors

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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

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

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)	.5 A

Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
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Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

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

Circuit Application	Signal
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Industry Standards

Industry Standard	SFF-TA-1016
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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
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)
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	Candidate List Declared Against: JUNE 2024 (241)
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	Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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>

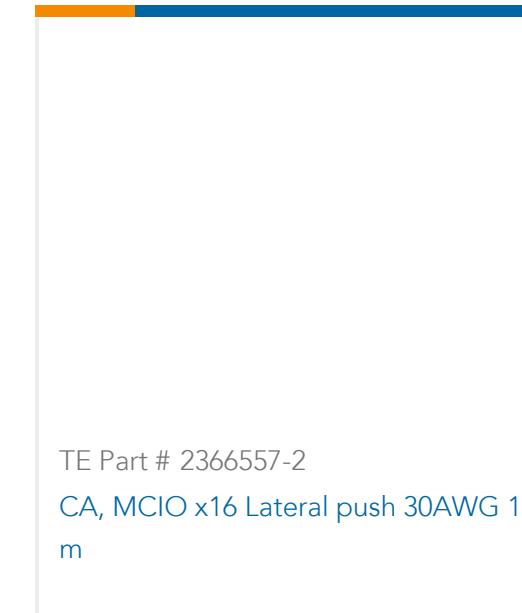
Compatible Parts



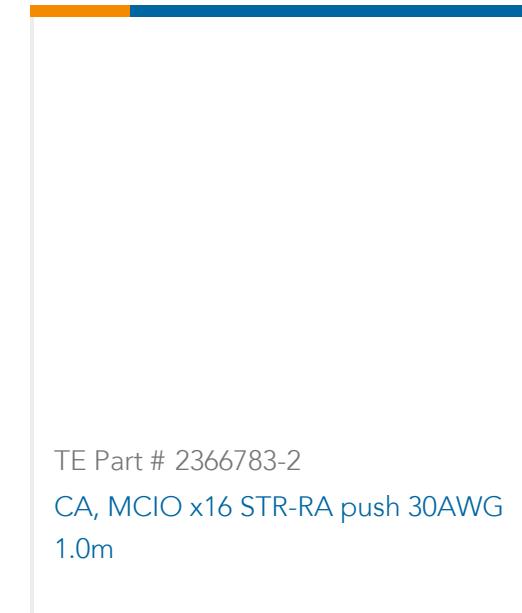
TE Part # 2366557-1
CA, MCIO x16 Lateral push 30AWG 0.5m



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



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



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

Documents

Product Drawings

[MCIO INTERGRATED CONN, V/T,124P SMT TYPE](#)

English

Product Specifications

[Application Specification](#)

English