



Connectors > Modular Jacks & Plugs > Industrial Mini I/O Connectors



Port Matrix Configuration: 1 x 1

Modular Jacks & Plugs Products: Industrial Mini I/O

Connector Contact Density: High

Modular Connector Style: Plug

Performance Category: Cat 5e

Features

Product Type Features

Connectors & Connector Components Type	Connector
Modular Jack & Plug Interface Type	Industrial Mini I/O
Connector Product Type	Connector Assembly
Modular Jacks & Plugs Products	Industrial Mini I/O
Modular Connector Style	Plug
Connector System	Cable-to-Board, Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Port Matrix Configuration	1 x 1
Connector Contact Density	High
Number of Positions	8
Number of Loaded Positions	8
Status Indicator Type	None

Signal Characteristics

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Data Rate	10 Mb/s, 100 Mb/s, 1000 Mb/s
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Body Features

Shield Material	Copper Alloy
Shield Plating Material	Nickel

Contact Features

Contact Mating Area Plating Material	Gold
Contact Underplating Material	Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	1.5 A

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Housing Material	Thermoplastic
Centerline (Pitch)	1.27 mm[.05 in]

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	Cat 5e

Packaging Features

Packaging Method	Box & Tray, Tray
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Other

Comment	Type 1
Field Installable	No



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) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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 # CAT-IN291-M6641A
Mini I/O Cable Conn. Piercing D2



TE Part # CAT-IN291-M6641F
Mini I/O Straight Header Type 1



TE Part # 2371136-1
CONN ASSY INDUSTRIAL MINI I/O



TE Part # 2371136-2
CONN ASSY INDUSTRIAL MINI I/O J-CONN.

Customers Also Bought



 TE Part #1-1827864-8 DYNAMIC 1200 REC AND TAB HSG	 TE Part #1-1827863-1 DYNAMIC 1100 REC AND TAB HSG	 TE Part #1-178139-5 DYNAMIC 3200 HDR ASSY	 TE Part #1-1571983-1 GDH08STR04=DIP SWITCH
 TE Part #770669-1 AMPSEAL HEADERS	 TE Part #1-1871940-6 DYNAMIC 1900D REC ASSY CAGE	 TE Part #1-1318119-3 DYNAMIC 2000 REC AND TAB HSG	 TE Part #1-1871935-6 DYNAMIC 1900D HDR ASSY H-TYPE 12p

Documents

Product Drawings

CONN ASSY INDUSTRIAL MINI I/O

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1971153-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1971153-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1971153-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773703-8_INDUSTRIAL_MINI_IO

English

1-1773703-8_MINI_IO

English

Product Specifications

Product Specification

English



Product Environmental Compliance

MD_1971153-1_031120141026_dmtec

English

MD_1971153-1_031120141026_dmtec

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