



TE Internal #: 1-2201855-1

Industrial Mini I/O Connectors, Industrial Mini I/O, High Connector Contact Density, Plug, Shielded, Cat 5e, Cable-to-Cable / Cable-to-Board

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Connectors > Modular Jacks & Plugs > Industrial Mini I/O Connectors > Mini I/O Cable Conn. Piercing D2



Modular Jacks & Plugs Products: **Industrial Mini I/O**

Connector Contact Density: **High**

Modular Connector Style: **Plug**

Shielded: **Yes**

Performance Category: **Cat 5e**

[All Mini I/O Cable Conn. Piercing D2 \(4\)](#)

## Features

### Product Type Features

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
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

### Signal Characteristics

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



Shield Material	Copper Alloy
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Shield Plating Material	Nickel
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### Contact Features

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

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

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

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

Shielded	Yes
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Circuit Application	Power & Signal
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### Industry Standards

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

Packaging Quantity	1
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Packaging Method	Blister Pack
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### Other

Modular Jacks & Plugs Comment	Type 2
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Field Serviceable	No
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## 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	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 # 1971153-1  
CONN ASSY INDUSTRIAL MINI I/O



TE Part # 1-2271656-1  
MINI IO VERTICAL SMT PLUS REC CONN KIT



TE Part # 1-2201864-1  
MINI I/O REC KIT TYPE II L



TE Part # 1-2335143-1  
MINI I/O PLUG KIT TYPE II L,(100pc)



TE Part # 2229737-2  
MINI I/O PIERCING TYPE HAND TOOL

## Customers Also Bought



TE Part #2013595-1  
INDUSTRIAL MINI I/O PLUG KIT D1



TE Part #2-5332070-3  
SOCKET,MIN-SPR SN-AU SER-4



TE Part #1469362-1  
HM-ZD VERT RECPT ASSY 18MM



TE Part #165028  
PIDG RING 12-10 6MM



TE Part #1879417-4  
CPF0603 680K 0.1% 25PPM 5K RL



TE Part #1676306-2  
RN 0805 332R 0.1% 10PPM 1KRL



TE Part #1011-234-0305  
BKSHL, 3P, BLK, REC, RA, NW6/7.5/8.5 /10



TE Part #HD36-24-18SN-059  
PLG, 18P,AL,N,CBLCLMPBT,DR,8/12 /16, S,MC

## Documents

### Product Drawings

#### MINI I/O PLUG KIT TYPE II L

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2201855-1\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2201855-1\\_C.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2201855-1\\_C.3d\\_igs.zip](#)

English

### 3D PDF

3D

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

### Datasheets & Catalog Pages

[1-1773733-2\\_MINI\\_IO\\_FIELD\\_INSTALLABLE\\_FLYER](#)

English

[1-1773733-2\\_MINI\\_IO\\_FIELD\\_INSTALLABLE\\_FLYER](#)

English

### Product Specifications

[Application Specification](#)



English

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**Product Environmental Compliance**

**TE Material Declaration**

English

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**Agency Approvals**

**UL Report**

English