



Connectors > Modular Jacks & Plugs > Industrial Mini I/O Connectors > Mini I/O Receptacle Kit Type 1 Piercing



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

Connector Contact Density: **High**

Modular Connector Style: **Receptacle**

Shielded: **Yes**

Performance Category: **Cat 5e**

[All Mini I/O Receptacle Kit Type 1 Piercing \(3\)](#)

Features

Signal Characteristics

Data Rate	100 Mb/s, 1000 Mb/s, 10 Mb/s
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Mechanical Attachment

Panel Mount Feature	With
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

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

Body Features

Shield Material	Copper Alloy
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Shield Plating Material	Nickel
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Housing Features

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

Industry Standards

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

Operation/Application

Circuit Application	Power & Signal
Shielded	Yes

Configuration Features

Number of Positions	8
Port Matrix Configuration	1 x 1
Connector Contact Density	High
Number of Loaded Positions	8

Product Type Features

Connector Product Type	Connector Assembly
Modular Jacks & Plugs Products	Industrial Mini I/O
Modular Connector Style	Receptacle
Connector System	Cable-to-Cable
Connector & Contact Terminates To	Wire & Cable

Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Packaging Features

Packaging Method	Blister Pack
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Other

Field Serviceable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # CAT-IN291-M6641M
Mini I/O Field Installable Type 1



TE Part # 2350323-1
MINI IO CONN Cat5e FI 2x2 AWG22 T I



TE Part # 2201855-2
MINI I/O PLUG KIT TYPE I M



TE Part # 1-2350310-1
MINI IO CONN Cat6A FI 4x2 AWG24 /26 T I



TE Part # 1-2350323-1
MINI IO CONN Cat5e FI 2x2 AWG22 T I



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



TE Part # 2271656-2
VERTICAL SMT TYPE MINI IO REC PLUS CONN



TE Part # 2350304-1
MINI IO CONN Cat5e FI 2x2 AWG24 /26 T I



TE Part # 1-2350304-1

MINI IO CONN Cat5e FI 2x2 AWG24 /26 T I

TE Part # 2350310-1

MINI IO CONN Cat6A FI 4x2 AWG24 /26 T I

Customers Also Bought

TE Part #2-1879022-5

SMF3 3K3 5%

TE Part #1879073-7

THS10 R39 5%

TE Part #55843-1

SPLICE,CE 22-14

TE Part #2-1614884-6

CPF 0805 24R 0.1% 25PPM 1K RL

TE Part #2-179554-3

DYNAMIC D-3200 WTW TAB HSG 6P

TE Part #1614935-1

CPF0805 47K 0.1% 25PPM 5K RL

TE Part #4-1768018-3

EET-1325P-8A

TE Part #154741-E

SMCQ 26 F AB VV 7-03 CL * 0007 137 E002

TE Part #284172-E

STVC/2 48 F ABC VV 7-00 0606 13,0 * 247

TE Part #2-215875-1

4/4 PCB MOD.JACK SE

Documents

Product Drawings

MINI I/O REC KIT TYPE I M

English

CAD Files

Customer View Model

ENG_CVM_CVM_2201864-2_B.3d_stp.zip

English

Customer View Model



[ENG_CVM_CVM_2201864-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2201864-2_B.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

Agency Approvals

[UL Report](#)

English