

2201864-1 ✓ ACTIVE

TE Internal #: 2201864-1

Industrial Mini I/O, Receptacle, Shielded, Cat 5e, Cable-to-Cable, Thermoplastic, Wire & Cable, Nickel, Blister Pack, Industrial Mini I/O Connectors

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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

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

Configuration Features

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

Signal Characteristics

Data Rate	.01 Gb/s, .1 Gb/s, 1 Gb/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 Underplating Material	Nickel
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Contact Mating Area Plating Material	Gold (Au)
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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

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

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

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

Circuit Application	Power & Signal
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Shielded	Yes
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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 Method	Blister Pack
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Other

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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

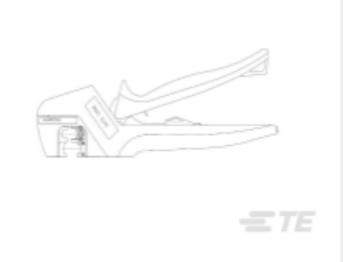
Product Compliance Disclaimer

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





 <p>TE Part # 2-2205131-3 CA MINI IO MINI IO TYPE I</p>	 <p>TE Part # CAT-IN291-M6641H Mini I/O Cable Plug Type 1 Solder</p>	 <p>TE Part # 2-2205133-6 CA MINI IO TYPE I IND RJ45</p>	 <p>TE Part # 2-2205131-5 CA MINI IO MINI IO TYPE I</p>
 <p>TE Part # 2-2205131-2 CA MINI IO MINI IO TYPE I</p>	 <p>TE Part # 2-2205129-2 CA MINI IO TYPE I PIGTAIL</p>	 <p>TE Part # 2-2205129-1 CA MINI IO TYPE I PIGTAIL</p>	 <p>TE Part # 2-2205133-4 CA MINI IO TYPE I IND RJ45</p>
 <p>TE Part # 2229737-2 MINI I/O PIERCING TYPE HAND TOOL</p>	 <p>TE Part # 2-2205133-5 CA MINI IO TYPE I IND RJ45</p>	 <p>TE Part # 2-2205129-6 CA MINI IO TYPE I PIGTAIL</p>	 <p>TE Part # 1-2069772-2 MINI I/O PL. KIT LOCK EXT. WHITE 100PC</p>

Customers Also Bought

 <p>TE Part #1SNA113095R0400 PFN2.G</p>	 <p>TE Part #3-1623928-8 CFR16 5% 5K6</p>	 <p>TE Part #2-1630027-8 HSC300 25R 5%</p>	 <p>TE Part #1747142-1 SEALED EFI ECU 60POS LEVER R</p>
 <p>TE Part #2013595-3 INDUSTRIAL MINI I/O PLUG KIT D1 GRAY</p>	 <p>TE Part #2069577-1 MINI I/O PLUG CONN KIT(100 PC) D1</p>	 <p>TE Part #11102092-00 160 PSI, 1/4MNPT, 4-20mA, Mini DIN 43650</p>	 <p>TE Part #8N1517-32-25P REC, 32P, AL, N, 4/8/12/16, P 43650</p>



Documents

Product Drawings

[MINI I/O REC KIT TYPE I L](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2201864-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2201864-1_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2201864-1_B.3d_igs.zip](#)

English

3D PDF

3D

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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