

# MINI I/O PLUG KIT TYPE I M ✓ ACTIVE

TE Part # 2201855-2

TE Internal #: 2201855-2

[View on TE.com >](#)



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**

Shielded: **Yes**

## Features

### Product Type Features

Connectors & Connector Components Type	Connector
Panel Stops	Without
Modular Jack & Plug Interface Type	Industrial Mini I/O
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	None
Keyed	Yes

### Signal Characteristics

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

Shield Material	Copper Alloy
Connector Profile	Standard



Shield Plating Material	Nickel
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### Contact Features

Connector Product Type	Connector Assembly
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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

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
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### Other

Comment	Type 1
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Field Installable	No
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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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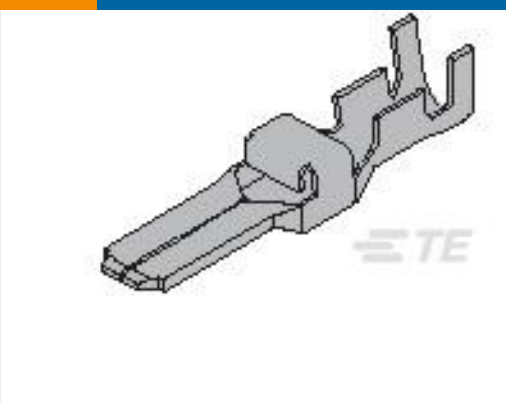




EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Low Halogen - contains Br 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Customers Also Bought

 <p>TE Part #2-2299960-1 TRAY PACKAGE. THERMOCOUPLE CONN KTYPE TAB</p>	 <p>TE Part #2201855-1 MINI I/O PLUG KIT TYPE I L</p>	 <p>TE Part #1-1903128-1 DYNAMIC 1100D TAB HSG 22P P/M</p>	 <p>TE Part #2-1903131-3 DYNAMIC 1200D TAB HSG 6P P/M BLACK Y</p>
 <p>TE Part #1-1473562-3 RITS CONN.PLUG ASSY 3P RED</p>	 <p>TE Part #84696-1 D5000 TAB CONT S LONG REEL AU PLATING</p>	 <p>TE Part #1746741-6 RITS CONN.SOCKET ASSY 6P YELLOW</p>	 <p>TE Part #1-2069029-2 DYNAMIC 1500T REC HSG 6P X BLACK</p>



TE Part #2201864-2  
MINI I/O REC KIT TYPE I M



TE Part #2229737-1  
MINI I/O PIERCING TYPE  
HAND TOOL

## Documents

### Product Drawings

[MINI I/O PLUG KIT TYPE I M](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2201855-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2201855-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2201855-2\\_B.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[MINI IO FIELD INSTALLABLE FLYER](#)

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[TE Material Declaration](#)

English

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### Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

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### Agency Approvals

[UL Report](#)

English

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