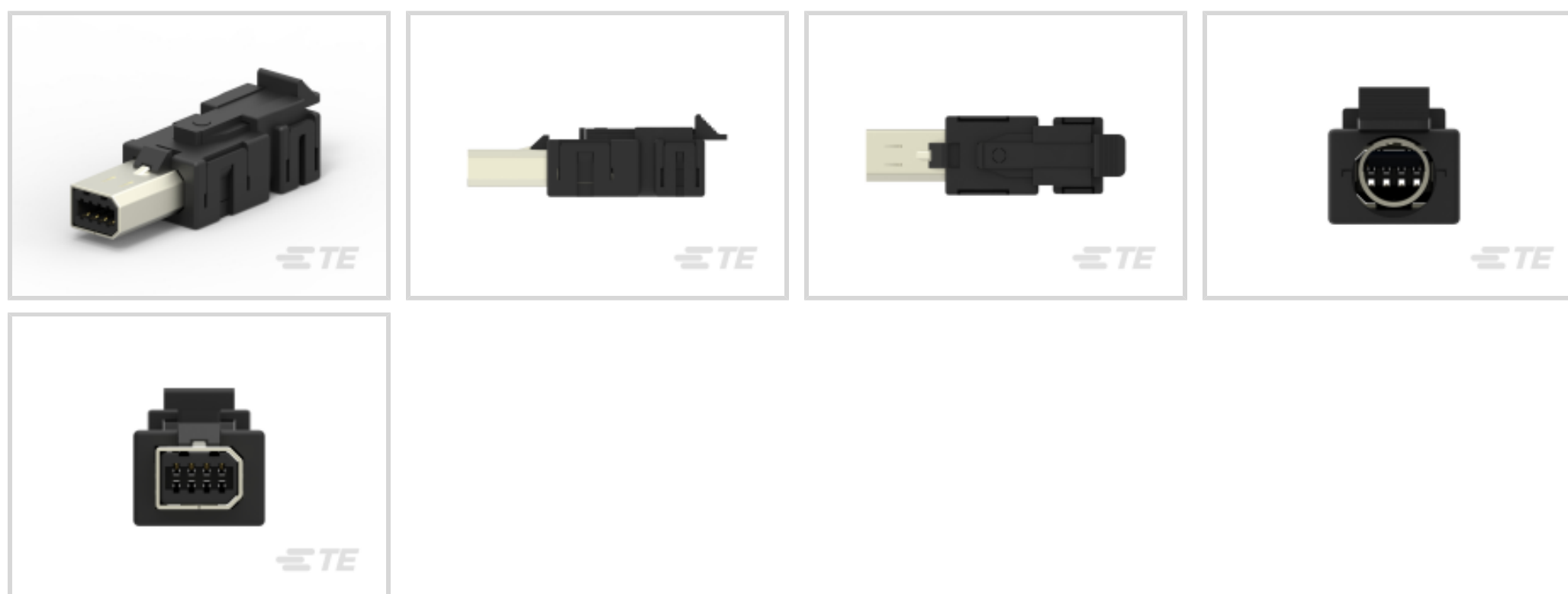


TE Internal #: 2069250-1
 Industrial Mini I/O, Plug, Shielded, Cat 5e, Cable-to-Board / Cable-to-Cable, Thermoplastic, Wire & Cable, Nickel, Industrial Mini I/O Connectors

[View on TE.com >](#)



Connectors > Modular Jacks & Plugs > Industrial Mini I/O Connectors > Mini I/O Cable Plug Type 1 Solder



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 Plug Type 1 Solder \(6\)](#)

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

Number of Positions	8
Port Matrix Configuration	1 x 1
Connector Contact Density	High
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 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	Without
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) 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 # 2298501-1 ETHERLINE FD P CAT 5E BLACK 4P 26AWG	 TE Part # 1891771-2 DIES KIT SHELL	 TE Part # 2201864-1 MINI I/O REC KIT TYPE I L	 TE Part # CAT-IN291-M6641J Mini I/O Cable Plug Type 1 Solder Bulk
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Customers Also Bought

 TE Part #1-2201855-2 MINI I/O PLUG KIT TYPE II M	 TE Part #EEA001N00000002000 615 ITEC RECEPTACLE	 TE Part #521766-1 250 HSG. PL MKIII REC. 10mm 2P NAT	 TE Part #CAT-HST-VERSAFITV2 Versafit-V2 Heat Shrink Tubing
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TE Part #CAT-T3437-ST2999
STD Snap-On Markers



TE Part #CAT-T3437-D1
D-SCE Fluid Resistant Sleeves



TE Part #1546440-1
ETHERNET FIELD ATTACHABL CONN

Documents

Product Drawings

[MINI I/O PLUG KIT LOCK EXTEND VER.](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2069250-1_A_c-2069250-1-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2069250-1_A_c-2069250-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2069250-1_A_c-2069250-1-a.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English