2069250-1 ✔ ACTIVE

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	.01 Gb/s, .1 Gb/s, 1 Gb/s

Body Features

Shield Material	Copper Alloy
Shield Plating Material	Nickel

Contact Features

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

Mechanical Attachment

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

Housing Features

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

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
Shielded	Yes

Industry Standards

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

Packaging Features

Packaging Method	Blister Pack

Other

Field Serviceable	No

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 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

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

Customers Also Bought



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



TE Part #35185
TERMINAL,SOLIS R 2 1/2



TE Part #1-1437719-1
T01-0540-P03-MALE PLUG CONNECTOR-CRIMP



TE Part #CAT-D9934-A15B
Receptacle and Tab Housing: 2.5 mm Pitch, 250V



TE Part #2063570-1
SDE F MCON1.2 0.50-0.75mm2 DIE ASSY



TE Part #1-2069029-2
DYNAMIC 1500T REC HSG 6P X BLACK

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

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English