2069250-1 ✔ ACTIVE

TE Internal #: 2069250-1

Industrial Mini I/O, High Connector Contact Density, Plug, Shielded, Cat 5e, Cable-to-Board / Cable-to-Cable, 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

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

Configuration Features

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

Operation/Application

Shielded	Yes
Circuit Application	Power & Signal

Industry Standards

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

Other

Field Serviceable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Housing Features

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

Body Features

Shield Plating Material	Nickel
Shield Material	Copper Alloy

Contact Features

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

Packaging Features

Packaging Method	Blister Pack

Mechanical Attachment

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

Usage Conditions

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

Signal Characteristics

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

Product Compliance

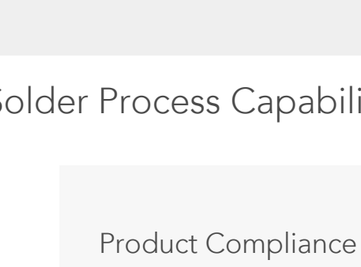
For compliance documentation, visit the product page on TE.com>

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

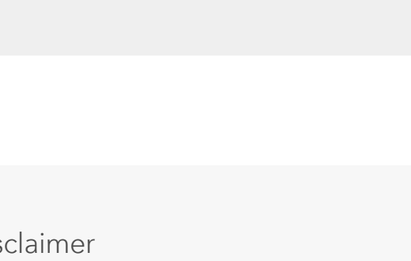
Product Compliance Disclaimer

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 # 2201864-1
MINI I/O REC KIT TYPE I L



TE Part # CAT-IN291-M6641J
Mini I/O Cable Plug Type 1 Solder Bulk

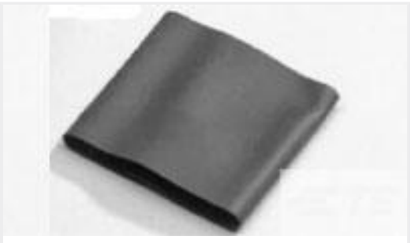
TE Part # 1891771-2
DIES KIT SHELL

TE Part # 2298501-1
ETHERLINE FD P CAT 5E BLACK 4P 26AWG

Customers Also Bought



TE Part #HSA002N00420100000
723 HTEC PLUG, SPEEDTEC



TE Part #663099J001
V2-22.0-0-FSP-SM



TE Part #BKA201N00420200000
923 EXTENSION, SPEEDTEC-READY



TE Part #BSA202N00420236000
923 PLUG, SHORT



TE Part #HSA008N00550100000
723 HTEC PLUG, SPEEDTEC



TE Part #HKA008N00590100000
723 HTEC EXTENSION, SPEEDTEC



TE Part #61-0008-011-P00
CONTACT PIN 2 MM



TE Part #60-0172-011-P00
CONTACT SOCKET 1 MM



TE Part #60-0012-011-P00
CONTACT SOCKET 2 MM



TE Part #61-0011-011-P00
CONTACT PIN 2 MM

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