1-2201855-2 ✔ ACTIVE

TE Internal #: 1-2201855-2

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 Conn. Piercing D2






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 Conn. Piercing D2 (4)

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

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

Signal Characteristics

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

Body Features

Shield Material	Copper Alloy
Shield Plating Material	Nickel

Contact Features

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

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Panel Mount Feature	Without
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 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 # CAT-IN291-M6641E
Mini I/O R/A Header Type 2



TE Part # 2294417-1
INDUSTRIAL MINI I/O HDR TYPE I EMBOSS



TE Part # 2-2205130-3
CA MINI IO TYPE II PIGTAIL



TE Part # 2-2205132-3
CA MINI IO MINI IO TYPE II



TE Part # 2-2205129-4
CA MINI IO TYPE I PIGTAIL



TE Part # 2-2205129-5
CA MINI IO TYPE I PIGTAIL



TE Part # 2-2205129-6
CA MINI IO TYPE I PIGTAIL



TE Part # 2-2205130-1
CA MINI IO TYPE II PIGTAIL



TE Part # 2-2205130-2
CA MINI IO TYPE II PIGTAIL



TE Part # 2-2205130-6
CA MINI IO TYPE II PIGTAIL



TE Part # 2-2205132-1
CA MINI IO MINI IO TYPE II



TE Part # 2-2205132-4
CA MINI IO MINI IO TYPE II



TE Part # 2-2205132-5
CA MINI IO MINI IO TYPE II



TE Part # 2-2205132-6
CA MINI IO MINI IO TYPE II



TE Part # CAT-IN291-M6641L
Mini I/O Recepticle Kit Type 2 Piercing



TE Part # 1-2271656-2
MINI IO VERTICAL SMT PLUS REC CONN KIT



TE Part # 1-2335143-2
MINI I/O PLUG KIT TYPE II M,(100pc)



TE Part # CAT-IN291-M6641B
Mini I/O Cable Conn. Piercing D1 Bulk



TE Part # 2-2205130-4
CA MINI IO TYPE II PIGTAIL



TE Part # 2-2205130-5
CA MINI IO TYPE II PIGTAIL

Customers Also Bought

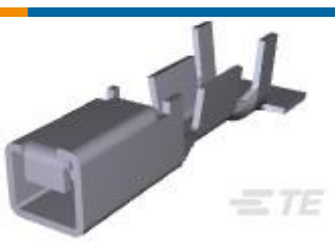
TE Part #2069250-1
MINI I/O PLUG KIT LOCK EXTEND VER.



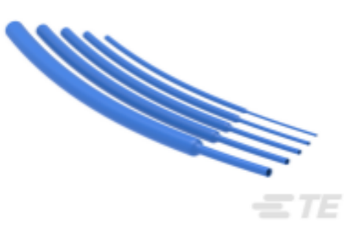
TE Part #2201864-2
MINI I/O REC KIT TYPE I M



TE Part #1-2176330-1
CRGP 2010 68R 1%



TE Part #1747418-2
DYNAMIC D4200 REC CONT M



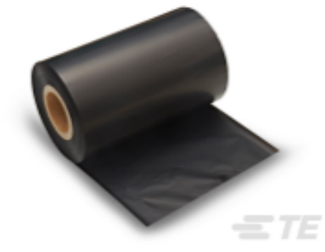
TE Part #NB19414001
RNF-100-3/16-BU-SP



TE Part #BSA896N0085056A000
917 PLUG, SPEEDTEC



TE Part #8-1768017-8
EET-0818P-9



TE Part #1-2186564-1
RIB-1984-300-110-L-0

TE Part #3-1768405-2
LBG-U-02933/EET

TE Part #1103177-1
Grip Shell Var.3

Documents

Product Drawings

MINI I/O PLUG KIT TYPE II M

English

CAD Files

Customer View Model

ENG_CVM_CVM_1-2201855-2_C.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1-2201855-2_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2201855-2_C.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

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