2170185-1 ✔ ACTIVE

TE Internal #: 2170185-1

Single Port, 1 x 1, RJ point five, Plug, Shielded, Cat 5e, None, Loose Piece, 1.25 mm [.049 in] Centerline, Wire & Cable, RJ Point Five Connectors

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Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Modular Jacks & Plugs Products: **RJ point five**

Connector Contact Density: **High**

Modular Connector Style: **Plug**

All RJ Point Five Plug Kit: Single Plug (3)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector System	Cable-to-Board
Modular Jacks & Plugs Products	RJ point five
Modular Connector Style	Plug
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	8
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	High
Number of Loaded Positions	8
EMI Finger Location	Top

Signal Characteristics

Data Rate	.01 Gb/s, .1 Gb/s, 1 Gb/s

Body Features

Modular Jack Latch Orientation	None

Contact Features

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Contact Current Rating (Max)	.02 A, .5 A, 1 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Side
Centerline (Pitch)	1.25 mm[.049 in]

Dimensions

Cable Diameter Range	5.8 mm[.23 in]

Usage Conditions

Operating Temperature Range	0 – 70 °C[32 – 158 °F]

Operation/Application

Indicator Type	Lightpipe
Circuit Application	Signal
Shielded	Yes

Industry Standards

Performance Category	Cat 5e

Packaging Features

Packaging Method	Loose Piece

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.

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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 # 2170129-1
Recpt RJ.5 W/O MAG, 1X2 OFFSET

Customers Also Bought

TE Part #CTD126E01A-513
MODULE ASSY

TE Part #927186-000
22759/34-12-0

TE Part #149657-000
B-020-20-N

TE Part #408452-000
202K111-25/225-0

TE Part #NB14842001
DWP-125-1/2-2-STK

TE Part #223969-4
UNV PWR MDL, GUIDE PIN LOCT PL

TE Part #2201855-3
MINI I/O PLUG KIT TYPE I LM MIX

TE Part #ESA202F01340500000
915 PLUG

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TE Part #EKA201M01340500000
915 EXTENSION

TE Part #1106470-4
HD.64.STS.1.M32.G

Documents

Product Drawings
PLUG KIT

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_2170185-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2170185-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2170185-1_A.3d_stp.zip

English

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Product Specifications
Application Specification

English

Instruction Sheets
Instruction Sheet (U.S.)

English