2364151-1 ✔ ACTIVE

TE Internal #: 2364151-1

SPE T1 Industrial, Jack, Shielded, SPE (Single Pair Ethernet), Cable-to-Board, Right Angle, PA, Printed Circuit Board, Industrial Mini I/O Connectors

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Connectors > Modular Jacks & Plugs > Industrial Mini I/O Connectors > Single Pair Ethernet (SPE) IP20 Connector







Modular Jacks & Plugs Products: **SPE T1 Industrial**

Connector Contact Density: **Standard**

Modular Connector Style: **Jack**

Shielded: **Yes**

Performance Category: **SPE (Single Pair Ethernet)**

All Single Pair Ethernet (SPE) IP20 Connector (2)

Features

Product Type Features

Connector Product Type	Connector Assembly
Modular Jacks & Plugs Products	SPE T1 Industrial
Modular Connector Style	Jack
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
PCB Mount Orientation	Right Angle
Number of Loaded Positions	2

Signal Characteristics

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

Body Features

Shield Material	Stainless Steel
Shield Plating Material	Tin over Nickel

Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	4 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
PCB Mount Retention Type	Solder Tail
Mating Alignment Type	Latch
Mating Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Centerline (Pitch)	2.8 mm[.11 in]
Housing Material	PA

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Operation/Application

Circuit Application	Power & Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
Performance Category	SPE (Single Pair Ethernet)

Packaging Features

Packaging Quantity	800
Packaging Method	Reel & Box

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	Out of Scope
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) 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	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed 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 # 2364150-1
SPE T1 Industrial Plug IP20 KIT

Customers Also Bought



TE Part #EL8091-000
D-CT-50M-2.4-OUT-4



TE Part #1-316131-5
DYNAMIC D-3200 HDR ASSY 6P H



TE Part #322426
PIDG SPDFLG 22-16COMM22-18MIL6



TE Part #1625984-6
HSA50 120R 5%



TE Part #2007277-1
SFP+ 1x1 Cage Assy, PCI, PF, Heatsink



TE Part #2098252-3
PIN, SF, SIZE 16, 14-16 AWG, NI/SN



TE Part #2-2176745-5
BMC-Q 1204 1K0 25% Tol. High Current



TE Part #2364150-1
SPE T1 Industrial Plug IP20 KIT



TE Part #CAT-SU763-H342
SUPERSEAL 1.0 Connector Headers

Documents

Product Drawings

SPE T1 Industrial RA JACK IP20

English

CAD Files

Customer View Model

ENG_CVM_CVM_2364151-1_A.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2364151-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2364151-1_A.3d_igs.zip

English

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Product Specifications

Application Specification

English