

1981813-1 ✓ ACTIVE



Micro SLP

TE Internal #: 1981813-1

PCB Mount Receptacle, Wire-to-Board, 2 Position, .8 mm [.031 in]

Centerline, Gold, Surface Mount, Signal, Black

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



Connector System: **Wire-to-Board**

Number of Positions: **2**

Number of Rows: **1**

Centerline (Pitch): **.8 mm [.031 in]**

Termination Method to Printed Circuit Board: **Surface Mount**

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Receptacle

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	30 VAC
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Body Features

Primary Product Color	Black
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Contact Features

	10 μ m
Contact Base Material	Phosphor Bronze



Contact Mating Area Plating Material	Gold
Contact Type	Receptacle
Contact Current Rating (Max)	.5 A

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Housing Material	LCP (Liquid Crystal Polymer)
Centerline (Pitch)	.8 mm [.031 in]

Dimensions

Connector Height	2.85 mm
Profile Height from PCB	1.4 mm [.055 in]

Usage Conditions

Operating Temperature Range	-25 – 85 °C [-13 – 185 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	4000
Packaging Type	Tape & Reel

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224)

Candidate List Declared Against: JAN 2022 (223)

Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Reflow solder capable to 260°C

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



Documents

Product Drawings

[BRD CONN ASSY WITH EMBOSS](#)

Japanese

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1981813-1_A1.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_1981813-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1981813-1_A1.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[Products for Mobile Equipment](#)

English

Product Specifications

[Application Specification](#)

Japanese

Product Environmental Compliance

[TE Material Declaration](#)

English