1971567-3 ✔ ACTIVE

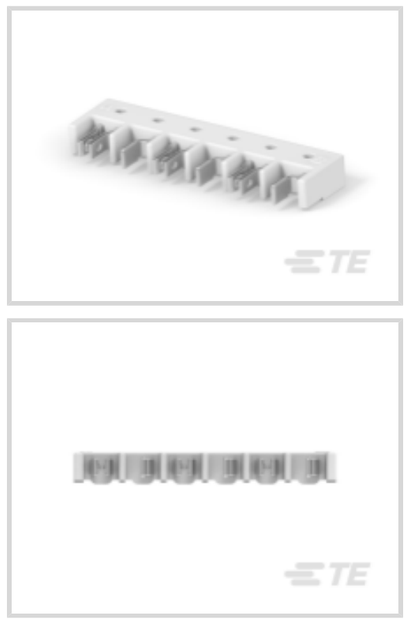
LUMAWISE

TE Internal #: 1971567-3

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 6 Position, 3 mm Centerline, Tin, Surface Mount, Power, Natural, Tape & Reel

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

PCB Connector Assembly Type: **PCB Mount Hermaphroditic Connector**

PCB Mount Orientation: **Horizontal**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

PCB Connector Assembly Type	PCB Mount Hermaphroditic Connector
Connector System	Board-to-Board
Sealable	No

Configuration Features

Connector Contact Load Condition	Fully Loaded
Board-to-Board Configuration	Co-Planar
Stackable	No
PCB Mount Orientation	Horizontal
Number of Positions	6
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VDC
Dielectric Withstanding Voltage (Max)	300 VAC

Body Features

Primary Product Color	Natural

Contact Features

Mating Tab Width	1.55 mm[.061 in]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Mating Tab Thickness	.3 mm[.011 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Type	Hermaphroditic
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.7 mm[.028 in]
Rectangular Termination Post & Tail Thickness	.3 mm[.011 in]
Termination Method to PCB	Surface Mount

Mechanical Attachment

PCB Mount Alignment Type	None
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Housing Material	LCP
Centerline (Pitch)	3 mm

Dimensions

PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	CSA
Compatible With Approved Standards Products	UL E28476, CSA LR7189
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tape & Reel

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: 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



TE Part # 2834006-2
RELEASE POKE-IN CONNECTOR_2POLES



TE Part # 2213611-3
MINI HERM ASSY WITH POSTS - SELECT GOLD

Customers Also Bought



TE Part #1-338069-2
Female-on-Board Connector, Top Entry



TE Part #1-770988-1
MINI UMNL SOK 22-18AWG LP LF



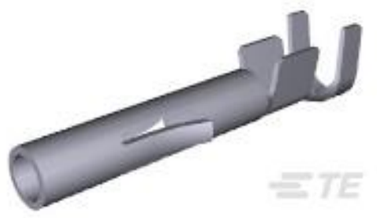
TE Part #4-1734592-0
FPC CONN. 0.5MM PITCH B/C, 40P



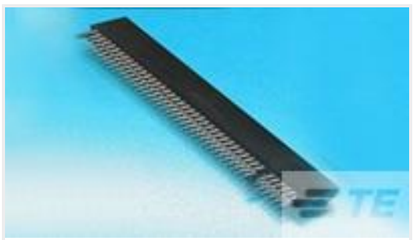
TE Part #172162-1
12 CIR UNIV M-N-L CAP



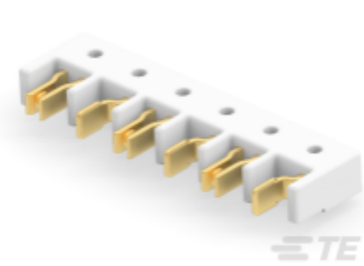
TE Part #1-480698-0
02P UMNL PLUG HSG NATL



TE Part #350536-1
UMNL SOK 20-14 .0126 PTPBR



TE Part #7-5530843-5
CONN SEC II 6 POS 100C/L



TE Part #2213611-3
MINI HERM ASSY WITH POSTS - SELECT GOLD



TE Part #2213616-2
HERM BLADE & RECPT,4 POS,POST, SEL GOLD

Documents

Product Drawings

MINIATURE HERMAPHRODITIC (6P)

English

CAD Files

Customer View Model

ENG_CVM_CVM_1971567-3_B1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1971567-3_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1971567-3_B1.3d_stp.zip

English

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

Datasheets & Catalog Pages

7-1773456-9_Mini_Herm

English

7-1773456-9_Mini_Herm

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

Mini Hermaphroditic Connectors

English