



Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Headers & Receptacles



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

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **2**

Centerline (Pitch): **4 mm [.157 in]**

Features

Product Type Features

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

Configuration Features

Number of Rows	1
PCB Mount Orientation	Horizontal
Number of Positions	2
Board-to-Board Configuration	Co-Planar

Contact Features

Mating Tab Width	3.05 mm[.12 in]
Mating Tab Thickness	.4 mm[.016 in]
Contact Mating Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold



Contact Mating Area Plating Material Thickness	1.52 – 3.04 µm
Contact Type	Hermaphroditic
Contact Current Rating (Max)	6 A

Termination Features

Rectangular Termination Post & Tail Thickness	.4 mm[.016 in]
Rectangular Termination Post & Tail Width	1 mm[.04 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	4 mm[.157 in]
Housing Color	Natural
Housing Material	LCP

Usage Conditions

Operating Temperature Range	-40 – 105 °C
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Pocket tape on reel
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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	Not Yet Reviewed
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: JAN 2021 (211)



Candidate List Declared Against: JUN 2018
(191)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Reflow solder capable to 260°C
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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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 2213614-1
HERM BLADE & REC,2 POS,LATCH,
SELECT GOLD

Customers Also Bought



TE Part #9-215079-0
FEMALE-ON-BOARD CONNECTOR
TOP ENTRY



TE Part #1-2180324-9
zSFP+ Stacked Cage Assembly: EMI
Spring

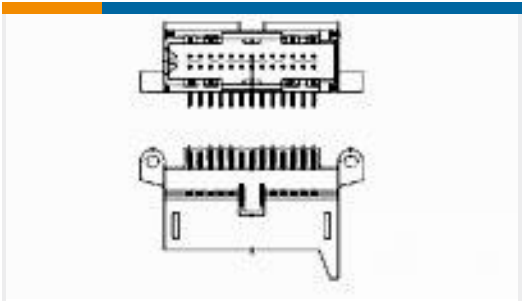


TE Part #1-331401-1
SOLISTRAND RING 26-22 #6

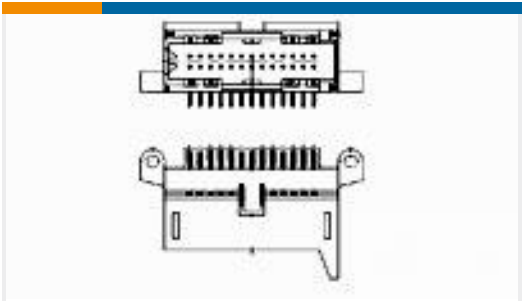


TE Part #1393219-3
PE014005

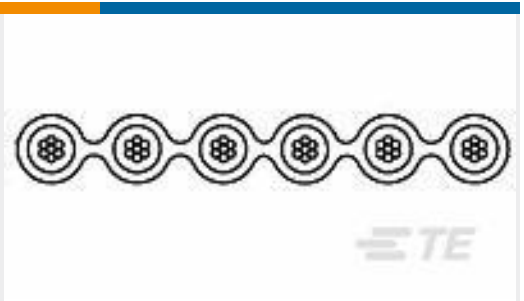





TE Part #1-827880-1
13P MOD2 STIFTWANNE




TE Part #1-827880-2
13P MOD2 STIFTWANNE




TE Part #1-971111-3
10W FRC MADISON SPEC 100-4703
REV. 7



TE Part #1-2083075-1
Cable assy Nector S female to
REV. 7



TE Part #1-2083077-1
Cable assy Nector S male to pi



TE Part #1437361-3
185-10=10P 28AWG ST

Documents

Product Drawings

HERM BLADE & REC,2 POS,LATCH,SELECT GOLD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2213614-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2213614-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2213614-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Hermaphroditic Connectors with Select Gold Plating Flyer

English

Hermaphroditic Connectors with Select Gold Plating Flyer

Product Specifications

Application Specification

English

Agency Approvals



[UL Report](#)

English