

2106212-1

✓ ACTIVE

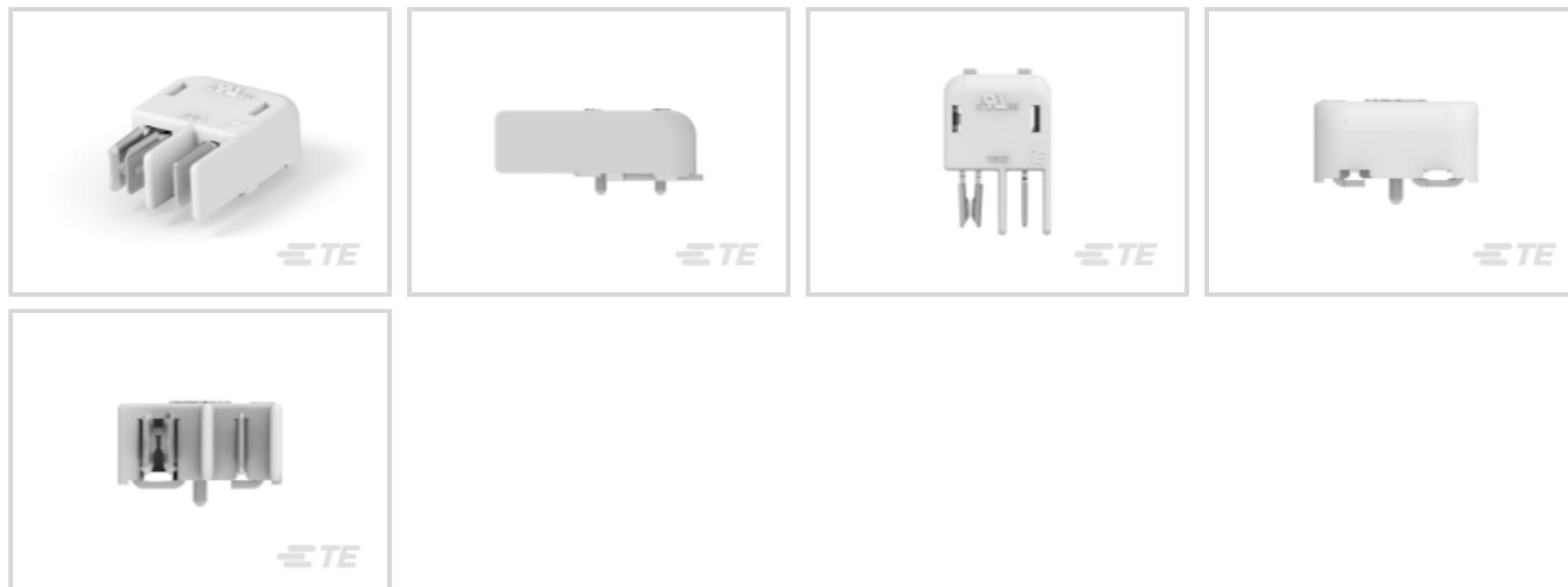
## LUMAWISE

TE Internal #: 2106212-1

PCB Mount Hermaphroditic Connector, Horizontal, Board-to-Board, 2 Position, 4 mm Centerline, Tin, Surface Mount, Power & Signal, Natural, Pocket Tape

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



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

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **2**

Number of Rows: **1**

## Features

### Product Type Features

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

### Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	2
Number of Rows	1

### Body Features

Primary Product Color	Natural
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### 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	Tin
Contact Mating Area Plating Material Thickness	3.81 - 8.89 $\mu\text{m}$
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[.039 in]
Termination Method to Printed Circuit Board	Surface Mount

#### Mechanical Attachment

PCB Mount Alignment Type	Peg
Mating Retention	Without
PCB Mount Retention Type	Solder Peg
PCB Mount Retention	Without
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

#### Housing Features

Centerline (Pitch)	4 mm
Housing Material	LCP

#### Usage Conditions

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

Circuit Application	Power & Signal
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#### Industry Standards

UL Flammability Rating	UL 94V-0
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#### Packaging Features

Packaging Method	Pocket Tape
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#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 2213616-1  
HERM BLADE & RECPT, 2 POS, POST,  
SEL GOLD

## Customers Also Bought



TE Part # 3-641126-7  
07P MTA100 HDR ASY FL/STR LF



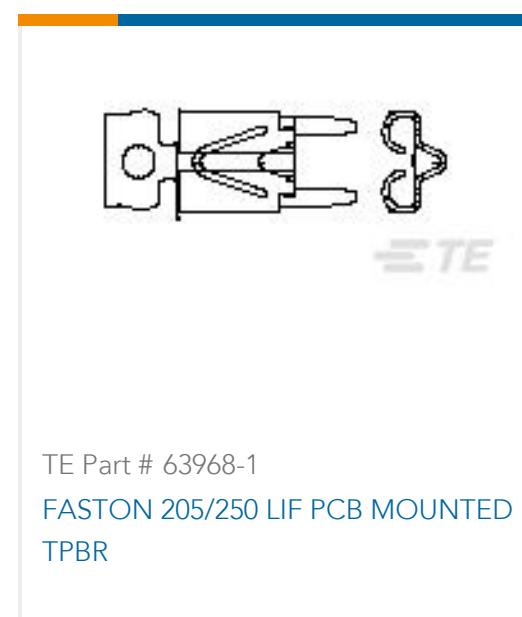
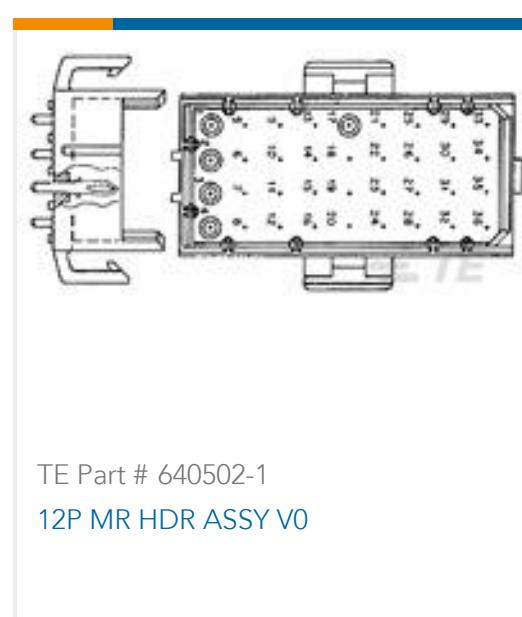
TE Part # 103670-1  
02 MTE HDR SRST LATCH W/HLDWN



TE Part # 181948-2  
250 FASTON,TAB,TPBR



TE Part # 4-794637-2  
12P MICRO MNL ASSY,VRT,SMT LF

TE Part # 42822-2  
250 FASTON TAB TPBRTE Part # 172159-1  
4 CIR UNIV M-N-L CAPTE Part # 63968-1  
FASTON 205/250 LIF PCB MOUNTED  
TPBRTE Part # 103670-6  
07 MTE HDR SRST LATCH W/HLDWNTE Part # 2213616-1  
HERM BLADE & RECPT,2 POS,POST,  
SEL GOLDTE Part # 640502-1  
12P MR HDR ASSY V0

## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2106212-1\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2106212-1\\_A.3d\\_jgs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_2106212-1\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Hermaphroditic Blade and Receptacle Connector

English

### Agency Approvals

#### UL Report

English