1-2058703-1 ✔ ACTIVE

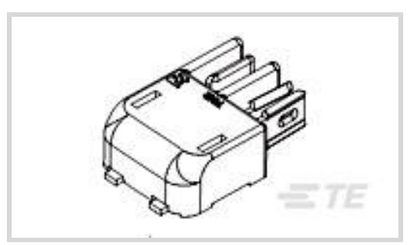
LUMAWISE

TE Internal #: 1-2058703-1

PCB Mount Hermaphroditic Connector, Right Angle, Board-to-Board, 2 Position, 4mm Centerline, Tin, Printed Circuit Board

View on TE.com >

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



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

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **2**

Centerline (Pitch): **4 mm**

Features

Product Type Features

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

Configuration Features

Number of Rows	1
Stackable	No
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	2
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	1500 VAC
Operating Voltage	125 VAC

Contact Features

Contact Layout	Inline
Mating Tab Width	3.05 mm[.12 in]
Mating Tab Thickness	.4 mm[.016 in]
PCB Contact Termination Area Plating Material	Tin

Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Tin
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

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

Housing Features

Centerline (Pitch)	4 mm
Housing Color	Black
Housing Material	LCP

Dimensions

Connector Height	3.9 mm
PCB Thickness (Recommended)	1.57 mm[.062 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-40 – 105 °C

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0
Agency/Standard	CSA
CSA Certified	Yes
CSA File Number	LR7192

UL File Number	E28476

Packaging Features

Packaging Method	Pocket tape on reel

Other

Comment	With latch embossment for Wire-to-Board connector

Product Compliance

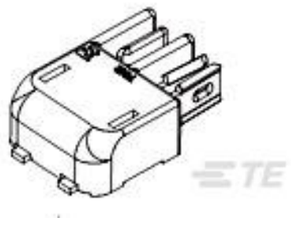
For compliance documentation, visit the product page on TE.com>

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: JAN 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
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

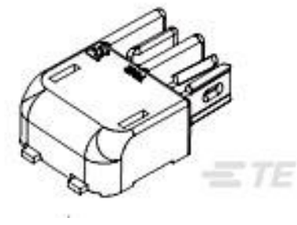
Product Compliance Disclaimer

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 # 1-2058703-1
Herm Blade& Recp Assy, 2 Pos,Latch

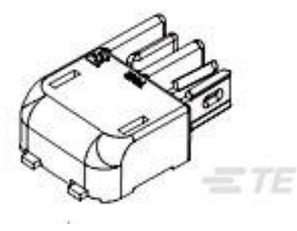


TE Part # 2058703-1
Herm Blade & Recp Assy, 2 Pos,Latch

Customers Also Bought



TE Part #1-796404-1
CPC SERIES 1 POSTED



TE Part #1-2058703-2
Herm Blade& Recp Assy, 4 Pos,Latch



TE Part #1-2176058-1
Thick Film Resistor: Current Sense



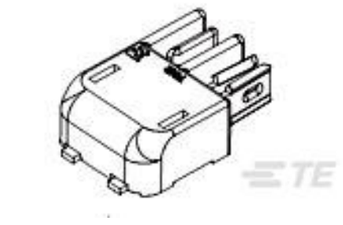
TE Part #1571999-9
ADP04STR04=PIANO DIP SWITCH



TE Part #1623909-4
3204 1M



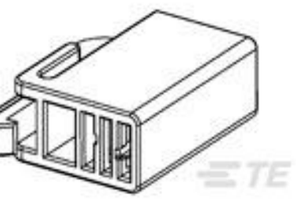
TE Part #1622217-1
LR0204 1% 330R



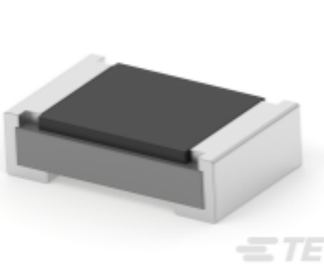
TE Part #1-2058703-3
Herm Blade& Recp Assy, 6 Pos,Latch



TE Part #FC2331-0000-0650-L
COMPRESSION LOAD CELL - 100MV / 0.5-4.5V



TE Part #1-2058299-1
WTB HOUSING, 2 POS, BLACK



TE Part #1-2176090-4
RP 1J 0.166W 178K 0.1% 25PPM 1K RL

Documents

Product Drawings

Herm Blade& Recp Assy, 2 Pos,Latch

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2058703-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2058703-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2058703-1_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_WIRE-TO-BOARD_AND_BOARD-TO-BOARD

English

HERMAPHRODITIC_WIRE-TO-BOARD_AND_BOARD-TO-BOARD

Product Specifications

Application Specification

English

Application Specification

English

Agency Approvals

UL Report

English