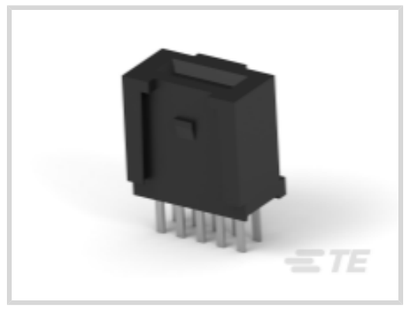
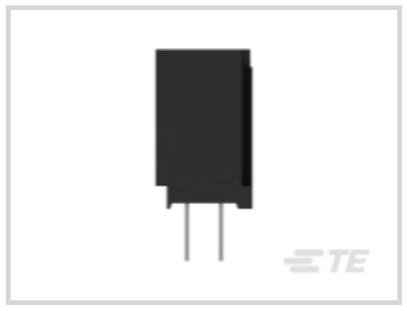
1766966-1 ✔ ACTIVE

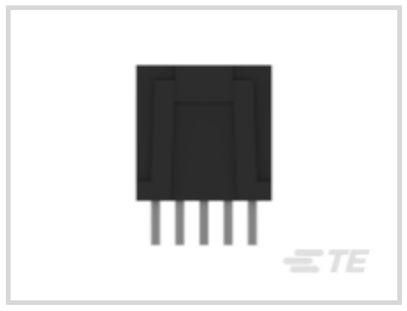
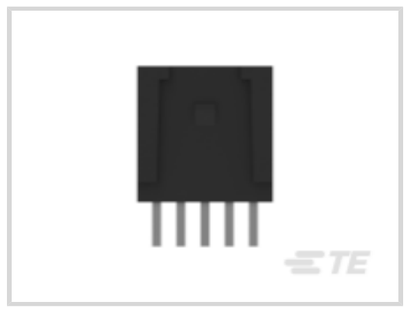
TE Internal #: 1766966-1

PCB Mount Receptacle, Vertical, Board-to-Board, 1 Position, Gold (Au), Through Hole - Press-Fit, Power, Black, Tray

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Type: **PCB Mount Receptacle**

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

Number of Positions: **1**

Number of Rows: **1**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
Number of Rows	1
PCB Mount Orientation	Vertical
Number of Power Positions	1

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Mating Tab Width	7 mm[.275 in]
PCB Contact Termination Area Plating Material Thickness	1.016 µm[40 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
Mating Tab Thickness	1.25 mm[.049 in]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	35 A
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Post & Tail Length	4.57 mm[.18 in]
Termination Method to PCB	Through Hole - Press-Fit

Mechanical Attachment

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

Housing Features

Housing Material	Thermoplastic Glass Reinforced

Dimensions

Connector Width	14 mm[.551 in]
Connector Height	14 mm[.551 in]
Connector Length	8.5 mm[.334 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	84
Packaging Method	Tray

Product Compliance

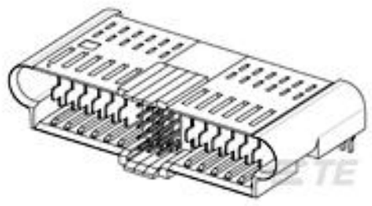
For compliance documentation, visit the product page on TE.com>

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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 # 1926720-2
AssyMINIPAKHDL2p15s2p RAplugBdlk

Customers Also Bought



TE Part #5-292228-5
1.5 MINI CT SGL H SMT W/O BOSS



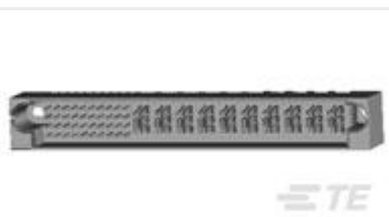
TE Part #5-292230-5
1.5 MINI CT SGL V SMT W/BOSS 5



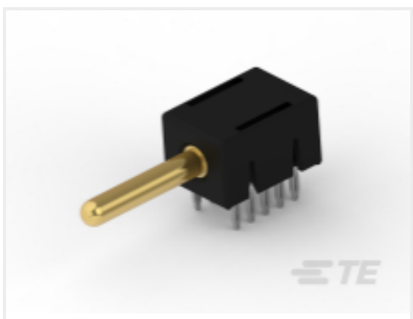
TE Part #7-2149530-2
STRADA MESA,HD,HF,000,000,12,SN,N,22



TE Part #5120737-1
HS3 B/P HDR ASY 6R 60 P LEV 1



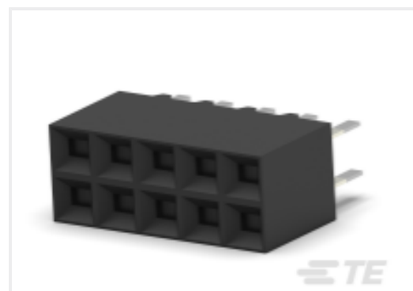
TE Part #6600323-5
MBXL VERT HDR 40S+10P



TE Part #1926251-1
ICCON PARALLEL PIN,COMPLIANT, GOLD CNTCTS



TE Part #2007796-3
IMP100S,H,V3P16C,RG,OEW46,5.5



TE Part #2-2267056-0
40 MOIDV VRT DR CE 100/130 W/ POLARIZ



TE Part #3-644867-5
05P MTA156 HDR ASSY WO PEGS L



TE Part #5-147291-1
07 MODII HDR SR SFMT B/A T&R

Documents

Product Drawings

CONNECTOR, SOCKET, COMPLIANT, FLATPAQ

English

CAD Files

Customer View Model

ENG_CVM_CVM_1766966-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1766966-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1766966-1_B.3d_stp.zip

English

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Product Specifications

Application Specification

English