

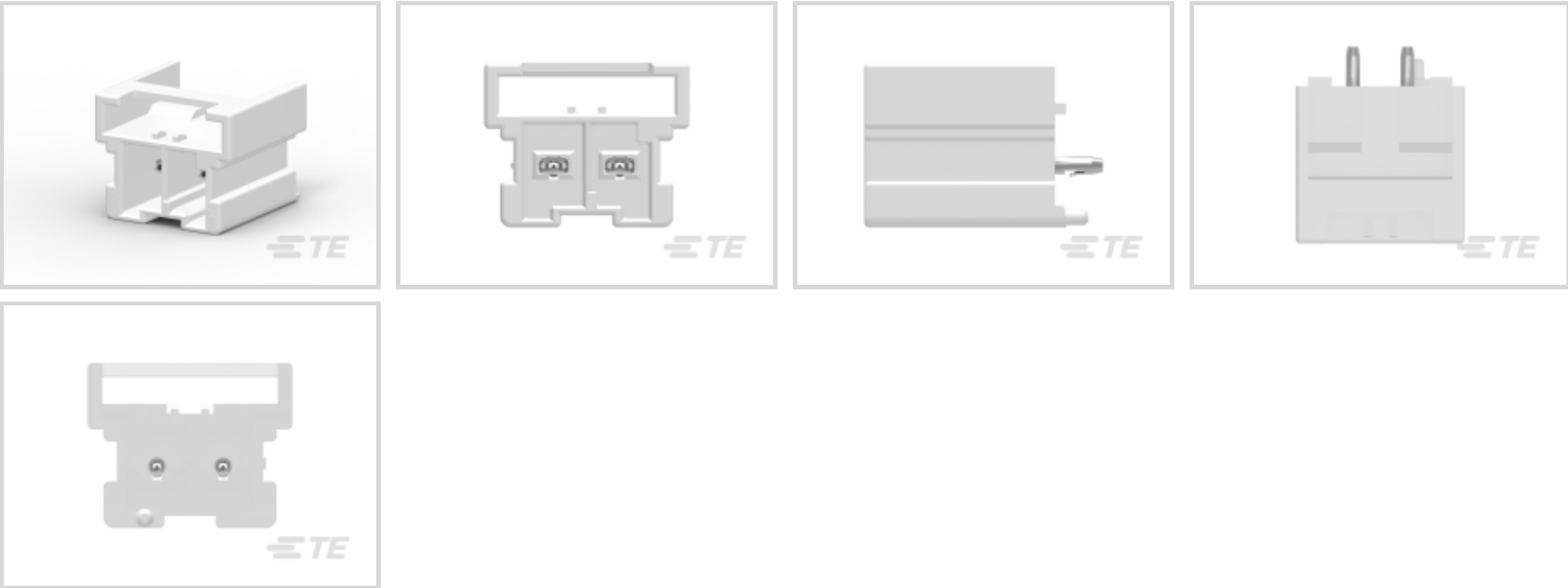


Power Triple Lock

TE Internal #: 1969688-2
PCB Mount Header, Vertical, Wire-to-Board, 2 Position, 6 mm [.236 in] Centerline, Fully Shrouded, Pre-Tin, Through Hole - Solder, Power Triple Lock

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
Connector System: **Wire-to-Board**
Number of Positions: **2**
Number of Rows: **1**
Centerline (Pitch): **6 mm [.236 in]**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Power Positions	2
Number of Columns	2
Number of Loaded Positions	2
Connector Contact Load Condition	Fully Loaded
Number of Positions	2
Number of Rows	1



PCB Mount Orientation	Vertical
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Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Connector & Keying Code	A
Primary Product Color	Natural

Contact Features

Contact Size	2.7mm
Contact Layout	Inline
Mating Tab Width	2.7 mm[.106 in]
Mating Tab Thickness	1.5 mm[.059 in]
PCB Contact Termination Area Plating Material Finish	Bright
Contact Shape & Form	Rectangular
Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Pre-Tin
Contact Type	Pin
Contact Current Rating (Max)	20 A

Termination Features

Termination Post & Tail Diameter	1.57 mm[.062 in]
Termination Post & Tail Length	3.33 mm[.131 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Guide Pin
Mating Alignment Type	Keyed, Polarization
Mating Retention	With
Panel Mount Feature	Without
Mating Retention Type	Latch Retainer
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With



PCB Mount Retention	Without
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Housing Features

Mating Entry Location	Top
Housing Material	PBT GF
Centerline (Pitch)	6 mm[.236 in]

Dimensions

Connector Length	15.7 mm[.618 in]
Connector Height	18.3 mm[.72 in]
Connector Width	14.95 mm[.588 in]
PCB Thickness (Recommended)	1.58 mm[.062 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Quantity	144
Packaging Method	Carton

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: JUNE 2024 (241)



	Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1-1971773-2
PTL 1X2 PLUG HSG STD TEMP KEY A
NAT

Also in the Series | Power Triple Lock

Connector Contacts(26)

Connector Hardware(12)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(21)



Rectangular Power Connectors(280)

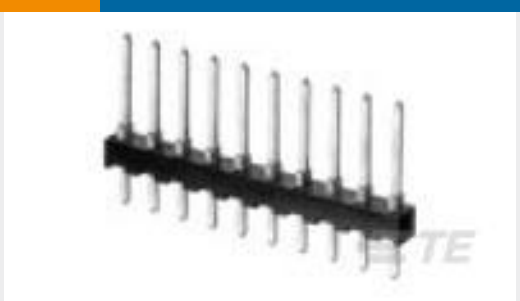
Customers Also Bought



TE Part #6274127-1
JACK, PCB, 75 OHM, R/A, BNC



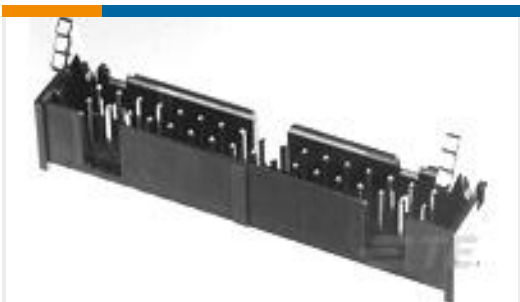
TE Part #T4061210004-005
M8 CABLE RA M 5M 4POS PVC CABLE



TE Part #87224-6
06 MODII HDR SRST UNSHRD .100



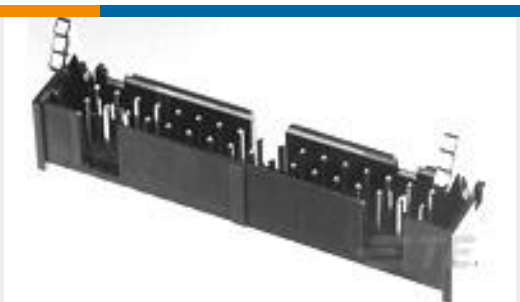
TE Part #326741
TERMINAL,PG SPD 16-14 8



TE Part #1-1761608-1
IDC LOW PRO HDR 34P VERT SHT L



TE Part #1393222-4
V23061A1002A302=MINISTARKSTROM



TE Part #2-1761608-9
IDC LOW PRO HDR 26P VERT SHT LAT BLUE



TE Part #CONREVSMA001
RP-SMA Jack 50 Ohm PCB Through Hole



TE Part #2329362-1
PB OFF/ON RC BLK M1 TERM IP68 500MM LHS

Documents

Product Drawings

PTL 1X2 PCB HEADER VERT STDTMP KEY A NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969688-2_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1969688-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1969688-2_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[9-1773465-1Power Triple Lock QRG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English