PTL 1X2 PCB HEADER R/A HITEMP KEY A LGR

✔ ACTIVE

Power Triple Lock

TE Part # 1-1969694-2

TE Internal #: 1-1969694-2

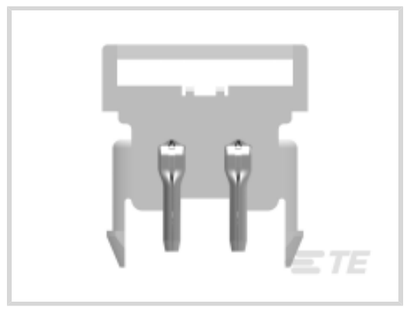
POWER TRIPLE LOCK HIGH TEMP HEADER

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > POWER TRIPLE LOCK HIGH TEMP HEADER







Product Type: **Header**

Housing Type: **Receptacle**

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

Number of Positions: **2**

Centerline (Pitch): **6 mm [.236 in]**

All POWER TRIPLE LOCK HIGH TEMP HEADER (12)

Features

Product Type Features

Product Type	Header
Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Tab

Configuration Features

Number of Positions	2
Keying	A
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC

Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	19.5 A
Contact Retention	With
Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-Tin

Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

PCB Mount Alignment Type	Pegs
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Centerline (Pitch)	6 mm[.236 in]
UL Flammability Rating	UL 94V-0
Housing Color	Gray
Housing Material	Nylon

Dimensions

PCB Thickness (Recommended)	1.58 mm[.062 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power

Identification Marking

Circuit Identification Feature	With

Industry Standards

Glow Wire Material Rating	Material with GWIT ≥ 775°C
Glow Wire Rating	GWT 850°C (Flame ≤ 30 sec)
Agency/Standard Number	E28476
Agency/Standard	UL, VDE
UL Rating	Recognized
VDE Tested	Yes

Packaging Features

Packaging Method	Carton

Other

For Use With	Plug Housing
Comment	Complies with IEC 61984 Specification

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 2019 (197) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 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

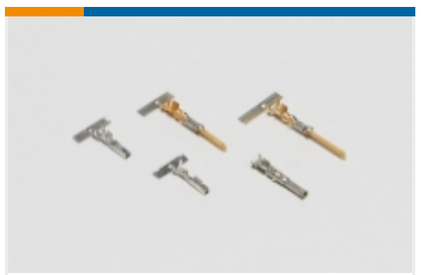
based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 9-1971773-2
PTL 1X2 PLUG HSG HIGH TEMP KEY A LGR

Also in the Series | Power Triple Lock



Power Contacts(20)

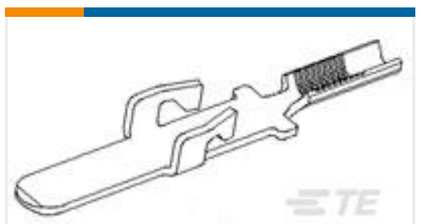


Rectangular Connector Locking(12)



Rectangular Power Connectors(296)

Customers Also Bought



TE Part #1217072-1
CONT AMVAR 125 BLADE 020 TPBR



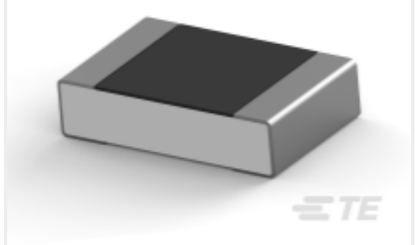
TE Part #964203-2
STD PW TIMER CONTACT



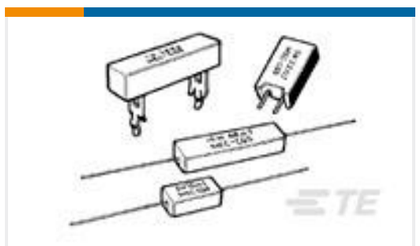
TE Part #5-2176329-9
CRGP 1210 680K 1%



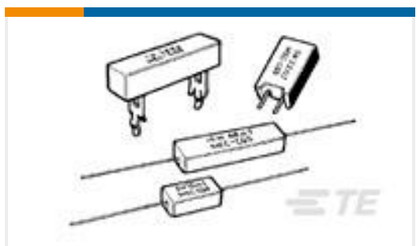
TE Part #7-2176370-8
RQ 0603 2K74 0.1% 10PPM 5K RL



TE Part #3-2176380-7
RQ 0805 2K74 0.1% 10PPM 5K RL



TE Part #2-1623795-1
SQP10 R47 5% WIRE



TE Part #1-1623793-9
SQP5 3R9 5% Wire

Documents

Product Drawings

PTL 1X2 PCB HEADER R/A HITEMP KEY A LGR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1969694-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1969694-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1969694-2_A.3d_stp.zip

English

Datasheets & Catalog Pages

9-1773465-1Power Triple Lock QRG

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English