

PTL 3X5 CAP PANEL MT HITEMP KEY C BLK

✓ ACTIVE

Power Triple Lock

TE Part # 7-1971875-7

TE Internal #: 7-1971875-7

POWER TRIPLE LOCK HIGH TEMP CAP

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



Product Type: **Housing**
Housing Type: **Cap**
Connector System: **Wire-to-Wire**
Number of Positions: **15**
Centerline (Pitch): **6 mm [.236 in]**

[All POWER TRIPLE LOCK HIGH TEMP CAP \(44\)](#)

Features

Product Type Features

Product Type	Housing
Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Contact Type	Tab

Configuration Features

Number of Positions	15
Keying	C
Number of Power Positions	15
Number of Rows	3
Row-to-Row Spacing	8.1 mm[.319 in]

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Layout	Matrix
Contact Retention	Without



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel

Housing Features

Centerline (Pitch)	6 mm[.236 in]
UL Flammability Rating	UL 94V-0
Housing Color	Black
Housing Material	Nylon
Cable Exit Angle	Straight

Dimensions

Height	31.15 mm
Panel Thickness	1 – 2 mm[.039 – .079 in]

Usage Conditions

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

Circuit Application	Power
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Glow Wire Material Rating	Material with GWIT ≥ 775°C
Glow Wire Rating	High Temperature Part - Not Glow Wire
UL Rating	Recognized
Agency/Standard Number	E28476
Agency/Standard	UL

Packaging Features

Packaging Method	Carton
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Other

For Use With	CPA, Plug Housing, TPA, Tab Contact
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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	Aktuelle ECHA Kandidatenliste: JAN 2019 (197) Kandidatenliste deklariert bezüglich: 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 # 1452426-1
EXTRACTION TOOL



TE Part # 1971784-1
PTL TAB CONTACT, 16-19 AWG, 2X22 AWG



TE Part # 7-1971876-7
PTL 3X5 PLUG HSG HIGH TEMP KEY C BLK



TE Part # 1971778-5
PTL TPA HIGH TEMP 2 x 5 BLACK

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TE Part # 1971789-1
CPA

TE Part # 1971782-1
PTL TAB CONTACT, 14
AWG

TE Part # 1971777-5
PTL TPA HIGH TEMP 1 x 5
BLACK

TE Part # 1971786-1
PTL TAB CONTACT, 20 -
24 AWG

Also in the Series | [Power Triple Lock](#)

Power Contacts(20)

Rectangular Connector
Locking(12)

Rectangular Power
Connectors(296)

Customers Also Bought

TE Part #1-1969705-1
HSG, RECEPT, FLG
FASTON, .250 SRS, 3 POS

TE Part #1-1969706-1
HSG, RECEPT, FLG
FASTON .250 SRS, 2 POS

TE Part #2-640453-0
20P MTA100 HDR ASSY
SQ R/A

TE Part #4-1744524-6
EP 06P HEADER ASY NO 5
PIN

TE Part #5-1803171-0
ANVIL

TE Part #8-1123724-6
3.96EP HDR ASSY 6P
NATURAL GWT

TE Part #8-1633730-3
CRIMPER, WIRE F..058

Documents

[Product Drawings](#)
[PTL 3X5 CAP PANEL MT HITEMP KEY C BLK](#)

English

[CAD Files](#)
[3D PDF](#)

3D



Customer View Model
[ENG_CVM_CVM_7-1971875-7_F.2d_dxf.zip](#)
English

Customer View Model
[ENG_CVM_CVM_7-1971875-7_F.3d_igs.zip](#)
English

Customer View Model
[ENG_CVM_CVM_7-1971875-7_F.3d_stp.zip](#)
English

Product Specifications
[Application Specification](#)
English

Agency Approvals
[UL Report](#)
English