

PTL 2 X 3 LOCKING PLATE HWI NATURAL

✓ ACTIVE

Power Triple Lock

TE Part # 2-1971778-3

TE Internal #: 2-1971778-3

[View on TE.com >](#)



Connectors > Rectangular Connectors > Rectangular Connector Accessories > Locking



Accessory Type: **TPA (Terminal Position Assurance)**

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

Number of Positions: **6**

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

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Product Type	Accessory
Glow Wire Rating	Hot Wire Part - Not Glow Wire
Accessory Type	TPA (Terminal Position Assurance)
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
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Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Color	Natural
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Housing Features

Housing Material	Glass-Filled PBT
Housing Color	Natural
Centerline (Pitch)	6 mm[.236 in]

Usage Conditions

Operating Temperature Range	-55 – 140 °C[-67 – 284 °F]
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Operation/Application

For Use With	Cap Housing (FH/PM), Plug Housing
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Halogen Free	No
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Bag
Packaging Quantity	1400

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

PTL 2 X 3 LOCKING PLATE HWI NATURAL

TE Part # 2-1971778-3
TE Internal #: 2-1971778-3



TE Part # 1-2232357-6
PTL 3X3 PLUG HSG HOT
WIRE KEY A BLK

TE Part # 1-2232266-1
PTL 2X3 PLUG HSG HOT
WIRE KEY A BLK

TE Part # 1-2232264-1
PTL 2X3 CAP PANEL MT
HOT WIRE KEY A BLK

TE Part # 1-2232356-6
PTL 3X3 CAP PANEL MT
HOT WIRE KEY A BLK

Also in the Series | Power Triple Lock

Power Contacts(20)

Rectangular Connector
Locking(12)

Rectangular Power
Connectors(296)

Customers Also Bought

TE Part #1740533-5
AMP DUOPLUG POW
CONN. 5POS W.PCB
LOCKING

TE Part #2-1971777-3
PTL TPA HWI 1 X 3
NATURAL

TE Part #774185P009
QS1500-NO.1-F5-0-STK

TE Part #2232043-7
7P, RAST 5 Tab Header,
THV

TE Part #2294562-1
UMNL TWIST-N-LOK,
5POS, CAP HOUSING

TE Part #1-1879350-2
RR01 5% R62 AMMO

TE Part #2-1879353-0
RR02 5% 27K AMMO

TE Part #2-1879353-6
RR02 5% 47K AMMO

Documents

Product Drawings
PTL 2 X 3 LOCKING PLATE HWI NATURAL

English

CAD Files
3D PDF

3D



Customer View Model

[ENG_CVM_CVM_2-1971778-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1971778-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1971778-3_A.3d_stp.zip](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English