© 2017 TE Connectivity Ltd. family of companies. All Rights Reserved

CONNECTORS

| RECTANGULAR POWER CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

PTL 1X3 CAP FREE HANG STD TEMP KEY B PUR

Power Triple Lock | Power Triple Lock

2-1971771-3
TE Internal Number: 2-1971771-3

EU RoHS Compliant
EU ELV Compliant

Product Type Housing

Housing Type Cap

Connector System Wire-to-Wire

Number of Positions 3

Centerline (Pitch) 6 mm [.236 in]

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

CAP HOUSING,FREE HANGING,SINGLE ROW POWER TRIPLE LOCK

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Downloaded from Arrow.com.

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

Power Triple Lock (PTL) Connector System

PDF

English

Power Triple Lock (PTL) Connector System

PDF

Product Specification

Power Triple Lock Product Specification

PDF

English

Product Environmental Compliance

TE Material Declaration

MD_2-1971771-3_052620152251_dmtec

PDF

English

Instruction Sheets

Instruction Sheet (U.S.)

Procedure For Vertical Force Testing Power Triple Lock (PTL) Cap Housings

PDF

English

Agency Approvals

UL Report

POWER TRIPLE LOCK REPORT

PDF

English

FEATURES

Please review product documents or contact us for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Downloaded from Arrow.com.

Product Type Housing
Housing Type Cap
Connector System Wire-to-Wire
Connector & Contact Terminates To Wire & Cable
Contact Type Tab

Configuration Features

Number of Positions 3
Number of Power Positions 3
Number of Rows 1
Keying B
Contact Layout Inline

Electrical Characteristics

Operating Voltage (VAC) 600
Operating Voltage (VDC) 600

Contact Features

Contact Retention Without

Termination Features

Termination Method to Wire/Cable Crimp

Mechanical Attachment

Panel Mount Feature Without

Housing Features

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

Dimensions

Height (mm) 14.95

Usage Conditions

Operating Temperature Range -55 – 105 °C [-67 – 221 °F]
Sealed Condition Not Sealed

Operation/Application

Circuit Application Power

Identification Marking

Circuit Identification Feature With

Downloaded from Arrow.com.

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire
Agency/Standard UL
Agency/Standard Number E28476
UL Rating Recognized

Packaging Features

Packaging Method Carton

Other

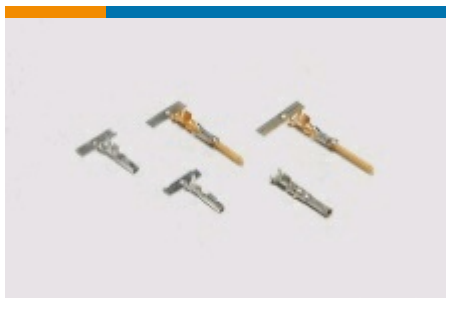
For Use With CPA, Plug Housing, TPA, Tab Contact

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

Compatible Products



Power Contacts (6)

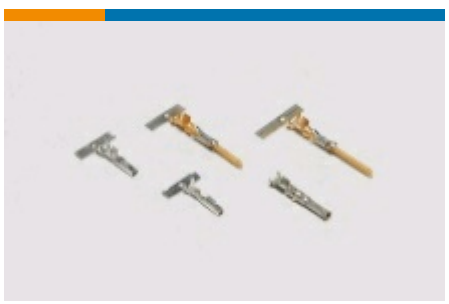


Rectangular Connector Locking (2)



Rectangular Power Connectors (1)

Also in the Series | Power Triple Lock



Power Contacts (26)



Rectangular Connector Locking (12)



Rectangular Power Connectors (420)

Downloaded from Arrow.com.