



Power Triple Lock

TE Internal #: 7-1971875-4  
Housing, Cap, Wire-to-Wire, 12 Position, 6 mm [.236 in] Centerline,  
Wire & Cable, UL 94V-0, Power Triple Lock, Rectangular Power  
Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > POWER TRIPLE LOCK High Temperature Caps



Rectangular Power Connector Type: **Housing**  
Connector & Housing Type: **Cap**  
Connector System: **Wire-to-Wire**  
Number of Positions: **12**  
Centerline (Pitch): **6 mm [.236 in]**

[All POWER TRIPLE LOCK High Temperature Caps \(44\)](#)

Features

Body Features

Connector & Keying Code	C
Cable Exit Angle	180°

Identification Marking

Circuit Identification Feature	With
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Dimensions

Panel Thickness (Recommended)	1 – 2 mm[.039 – .079 in]
Connector Height	31.15 mm
Row-to-Row Spacing	8.1 mm[.319 in]

Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Tab



Mechanical Attachment

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

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Glow Wire Material Rating	Material with GWIT ≥ 775°C
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	High Temperature Part - Not Glow Wire

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
Number of Power Positions	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VDC
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Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Centerline (Pitch)	6 mm[.236 in]
Housing Color	Black
Housing Material	Nylon

Usage Conditions

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



Circuit Application	Power
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Packaging Features

Packaging Method	Carton
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 # 1452426-1  
EXTRACTION TOOL



TE Part # 7-1971876-4  
PTL 3X4 PLUG HSG HIGH TEMP KEY  
C BLK



TE Part # 1971789-1  
CPA




TE Part # CAT-P87074-T669  
Locking Plate, POWER TRIPLE LOCK,  
TPA



TE Part # CAT-P87074-T111  
Tab Contact — POWER TRIPLE LOCK


Also in the Series | Power Triple Lock



Connector Contacts(26)




Connector Hardware(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(21)



Power Contacts(26)



Rectangular Power Connectors(280)



Wire-to-Board Headers & Receptacles  
(21)

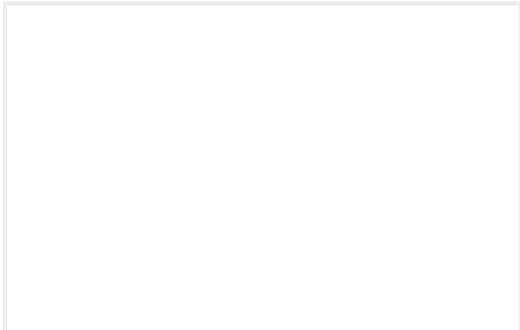
Customers Also Bought



TE Part #1614770-4  
BDS 2 A 250 10R 10%



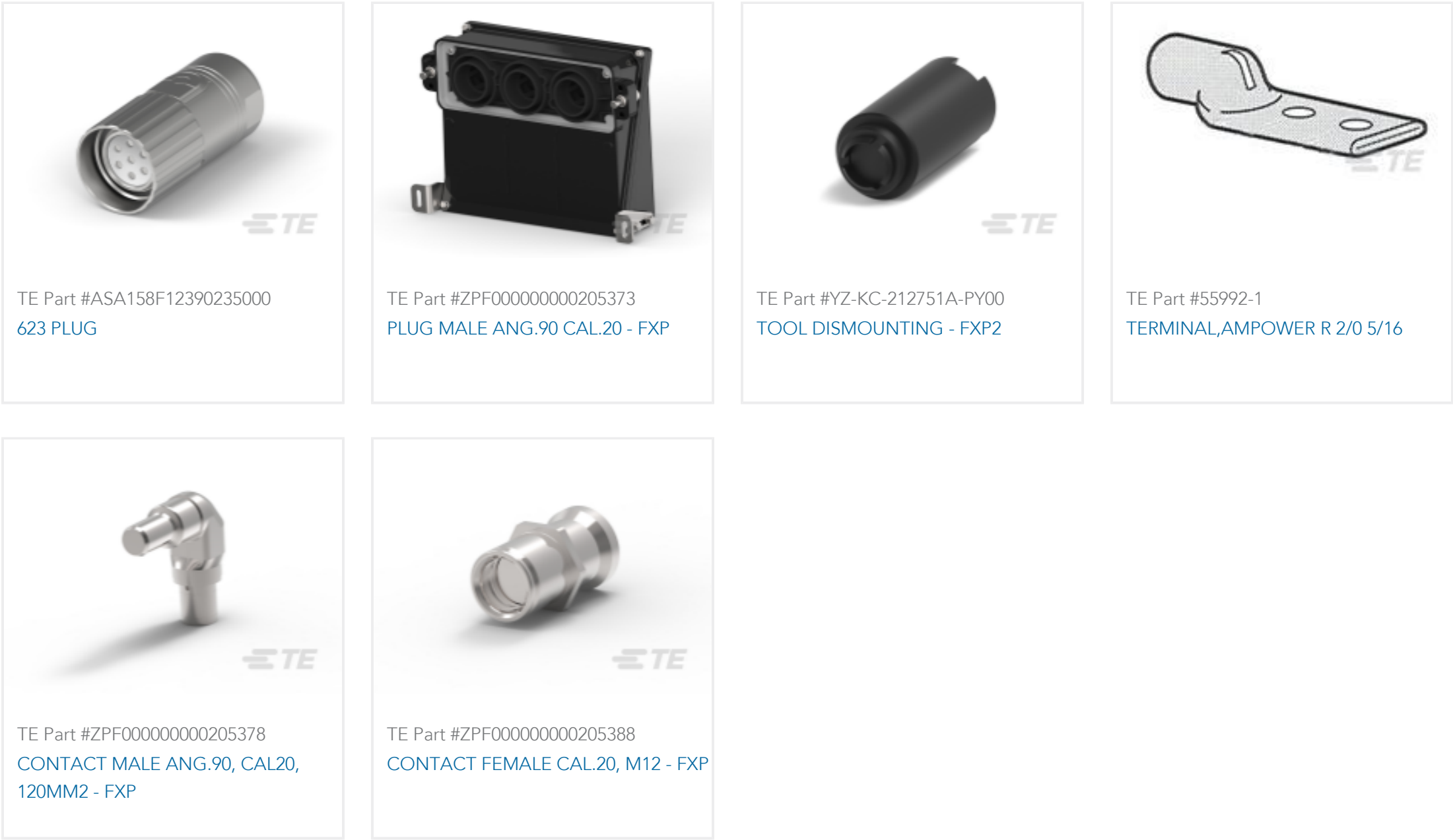
TE Part #ZPF000000000136485  
RECEPTACLE MALE FOR 12 PINS,  
CAL1,6



TE Part #EC9833-000  
ZHD-SCE-3.2-50-S1-4



TE Part #1-1415543-5  
RTE44110



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_7-1971875-4\_F.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-1971875-4\_F.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_7-1971875-4\_F.3d\_stp.zip

English

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Product Specifications

Application Specification

English