1983659-1 ✔ ACTIVE

Power Double Lock

TE Internal #: 1983659-1

Rectangular Power Connectors, Housing, Cap, Wire-to-Wire, 4 Position, 6.6 mm [.26 in] Centerline, Wire & Cable, UL 94V-0, Power Double Lock

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > Glow Wire Power Double Lock Cap







Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

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

Number of Positions: **4**

Centerline (Pitch): **6.6 mm [.26 in]**

All Glow Wire Power Double Lock Cap (35)

Features

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	4
Number of Power Positions	4
Number of Signal Positions	0
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	9 A
Contact Retention Within Housing	Without
Contact Type	Receptacle, Tab
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6.6 mm[.26 in]
Housing Color	Natural
Housing Material	Thermoplastic

Dimensions

Row-to-Row Spacing	6.6 mm[.259 in]

Usage Conditions

Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Quantity	1000
Packaging Method	Package

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # CAT-P87024-P729A
Glow Wire Power Double Lock Plug



TE Part # 1983662-1
Tab connect 22-26AWG



TE Part # 1983664-1
Rec connect 22-26AWG



TE Part # 1983661-1
Tab connect 16-20AWG



TE Part # 1983663-1
Rec connect 16-20AWG



TE Part # 1983666-1
2P Double Lock

Also in the Series | Power Double Lock



Connector Contacts(24)



Connector Hardware(14)



Insertion & Extraction Tools(2)



Rectangular Power Connectors(283)

Customers Also Bought



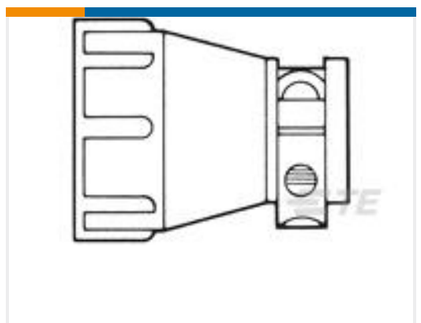
TE Part # 206516-1
Cable/Panel Mount Connector, CPC Series 1



TE Part # 1-2271457-6
D3950 HDR 6POS 1ROW X KEY



TE Part # 2-2303376-1
D3200 FMLB REC STRAIN RELIEF KIT 4P SS



TE Part # 1-206062-5
CABLE CLAMP KIT, BULK PKG



TE Part # 1-350943-0
03P UMNL HDR ASSY R/A 94VO



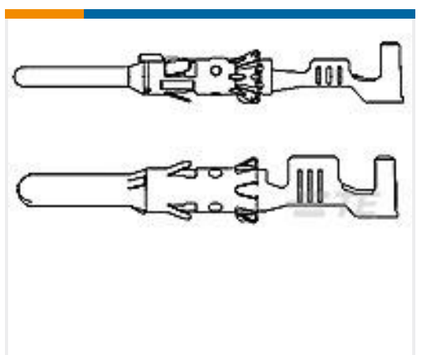
TE Part # 350809-1
05P UMNL PLUG HSG



TE Part # 350766-4
03P UMNL PLUG HSG UL94V0



TE Part # 794188-1
04P MINI UMNL2 PLUG HSG UL94V0



TE Part # 929968-1
2,5MM PIN CONTACT

Documents

Product Drawings

4P Plug Housing

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1983659-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1983659-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1983659-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English