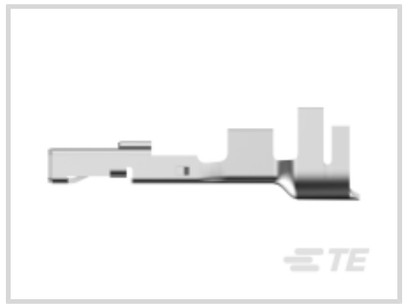
2232901-1 ✔ ACTIVE

TE Internal #: 2232901-1

Receptacle Contact, Tin, 300 VAC, Locking Lance Contact Retention, 20 - 16 AWG Wire Size, .52 - 1.31 mm² Wire Size, Crimp, Copper Alloy, Power

View on TE.com >

Connectors > Contacts > Connector Contacts > Power Double Lock Receptacle




Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Tin**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **300 VAC**

Contact Retention Within Housing: **With**

All Power Double Lock Receptacle (6)

Features

Product Type Features

Discrete Wire Type	Stranded

Electrical Characteristics

Operating Voltage	300 VAC

Contact Features

Mating Tab Width	1.5 mm[.06 in]
Mating Tab Thickness	.5 mm[.02 in]
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With

Contact Base Material	Copper Alloy
Contact Current Rating (Max)	14 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.8 - 3.1 mm[.071 - .12 in]
Wire Size	.52 - 1.31 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

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	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 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-P729
STD Temp Power Double Lock Plug



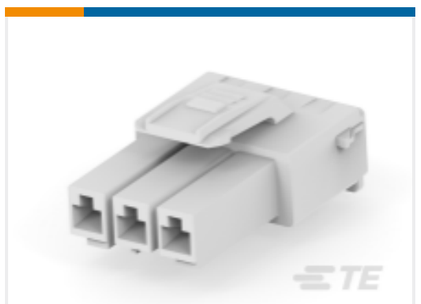
TE Part # CAT-P87024-P729A
Glow Wire Power Double Lock Plug



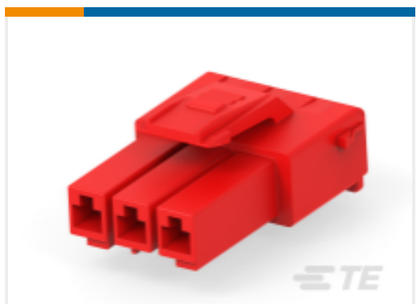
TE Part # 2317123-1
POWER DBL LOCK CONN 3.96 MM 10POS HEADE



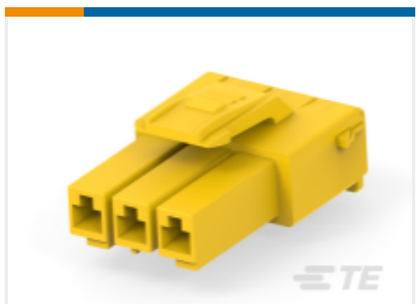
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 5-368571-1
FOAMING PROOF PLUG 3POS NAT



TE Part # 5-368571-2
FOAMING PROOF PLUG 3POS RED



TE Part # 5-368571-4
FOAMING PROOF PLUG 3POS YEL

TE Part # 2108960-1
DISTRIBUTION CONNECTOR

TE Part # 2475668-1
PDL10P PLUG HOUSING 3.96MM,DBL ROW (GWT)

Customers Also Bought



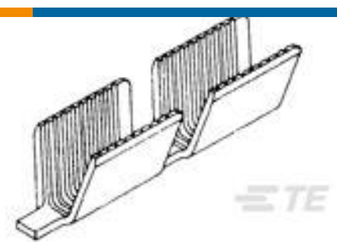
TE Part # 1-368589-1
PDL 4P CAP 3.96 D/R P/M(GWT) N



TE Part # 63688-1
250 FASTON REC 18-14 AWG NPST



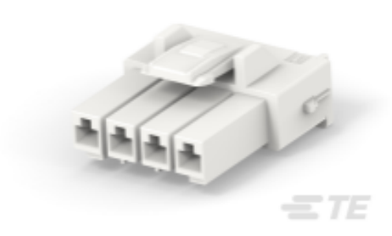
TE Part # 1217345-1
110 FASTON,REC.,16-18 AWG,BR



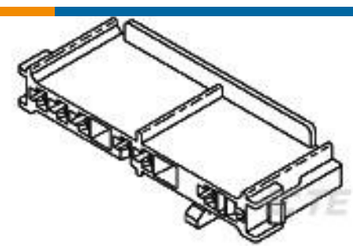
TE Part # 62305-2
AMVAR SPLC 600-3000 016TPBR



TE Part # 2301328-1
PDL 3P PLUG 3.96MM,SR (GWT)



TE Part # 2314618-1
AMP PDL 3.96MM 4POS. PLUG(SGL ROW).



TE Part # 521085-1
DRYER .250 HOUSING NYLON 6/6



TE Part # 368590-1
PDL 2P DBL PLATE 3.96(GWT) NAT

TE Part # 2292843-3
3P, POSITIVE-LOCK HOUSING, MKIII . 250 SE

TE Part # 2391532-1
RECEPTACLE, POSITIVE-LOCK, RAST 6.35

Documents

Product Drawings

AMP POWER DBL LOCK REC (L)

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2232901-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2232901-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2232901-1_B.3d_stp.zip

English

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

Product Specifications

Engineering Report

English