179592-1 ✔ ACTIVE

Power Double Lock

TE Internal #: 179592-1

Power Contacts, Contact, 50 VAC / 300 VAC, Tin, 26 – 22 AWG Wire Size, .14 – .34 mm² Wire Size, Wire & Cable, Crimp, Power, Power Double Lock

View on TE.com >

Connectors > Power Connectors > Power Contacts





Power Contact Type: **Contact**

Operating Voltage: **50 VAC, 300 VAC**

Contact Mating Area Plating Material: **Tin**

Wire Size: **.14 – .34 mm²**

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Operating Voltage	50 VAC, 300 VAC

Contact Features

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	14 A
Contact Type	Receptacle
Contact Retention Within Housing	With
Mating Tab Width	1.5 mm[.06 in]
Mating Tab Thickness	.5 mm[.02 in]
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]

Wire Contact Termination Area Plating Material	Pre-Tin
Wire Contact Termination Area Plating Material Finish	Matte
Contact Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Wire Insulation Support	With

Dimensions

Wire Size	.14 – .34 mm²
Compatible Insulation Diameter Range	1.3 – 2 mm[.051 – .079 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 applicable for solder process capability

Compatible Parts

TE Part # CAT-P87024-P729
STD Temp Power Double Lock Plug

TE Part # 917354-1
AMP POWER D/LOCK PLUG HDR 12P

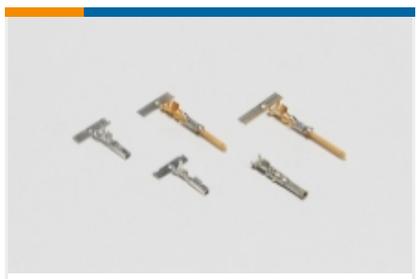
TE Part # 91567-1
CCII POWER DBL LOCK S REC TAB 26-22 ASSY

TE Part # 234912-1
EXT TOOL FOR POWER DBL LOK REC

Also in the Series | Power Double Lock

Connector Contacts(1)

Insertion & Extraction Tools(2)

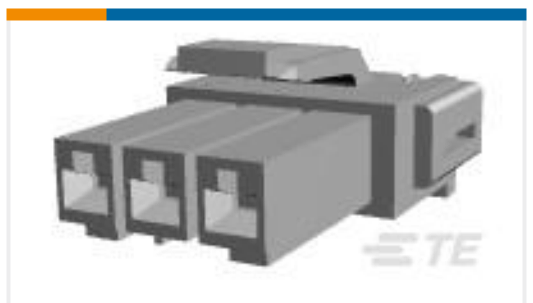


Power Contacts(23)

Rectangular Connector Locking(14)

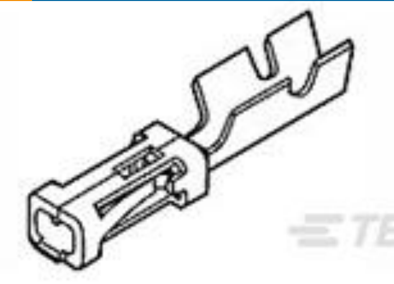
Rectangular Power Connectors(284)

Customers Also Bought



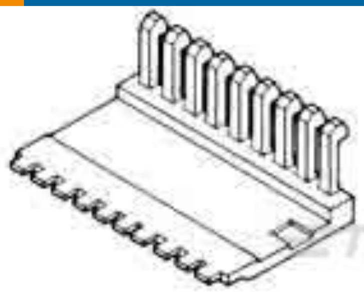
TE Part #177899-1
POWER DBL LOCK PLUG HSG 3P

TE Part #1744416-7
7 POS EP II HSG, GLOW WIRE



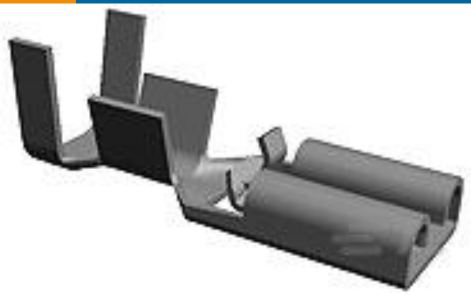
TE Part #86492-6
MOD IV RECP PLTD 30 SEL

TE Part #179593-1
AMP POWER D/LOCK RECCONT. L/P



TE Part #102536-7
18 AMPMODU MT COVER DR .100CL

TE Part #2344656-4
WLAN DUAL BAND ANTENNA FPC V 200mm



TE Part #1217113-2
187 PL MKIII REC. 22-18AWG TPBR

TE Part #170330-1
PL MKII 187 REC 24-20AWG PTBR LP

Documents

Product Drawings

AMP POWER D/LOCK REC CONT. L/P

English

CAD Files

Customer View Model

ENG_CVM_CVM_179592-1_O.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179592-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179592-1_O.3d_stp.zip

English

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

UL Report

English