179862-1 ✔ ACTIVE

Power Double Lock

TE Internal #: 179862-1

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire / Wire-to-Board, 6 Position, 6.5 mm [.255 in] Centerline, Wire & Cable, Power Double Lock

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > STD Temp Power Double Lock Plug







Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **6**

Centerline (Pitch): **6.5 mm [.255 in]**

All STD Temp Power Double Lock Plug (66)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	300 VAC

Contact Features

Contact Layout	Matrix
Contact Retention Within Housing	Without
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	6.5 mm[.255 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Dimensions

Row-to-Row Spacing	6.5 mm[.256 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL 1977
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	100
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: 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 applicable 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 # 179849-1
AMP POWER D/LOCK T/HDR ASSY 6P



TE Part # CAT-P87024-R2435
Power Double Lock Receptacle



TE Part # 2005252-1
PDL 6P PLUG 6.5 D/R(GWT) NAT



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



TE Part # 179592-1
AMP POWER D/LOCK REC CONT. L/P



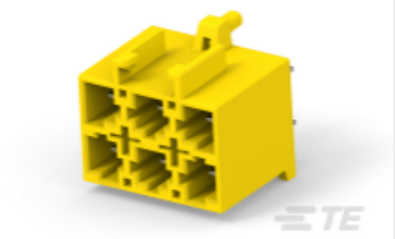
TE Part # 179592-2
POWER D/LOCK REC CONT. H/P L/P



TE Part # 179593-2
POWER D/LOCK REC CONT. H/P L/P

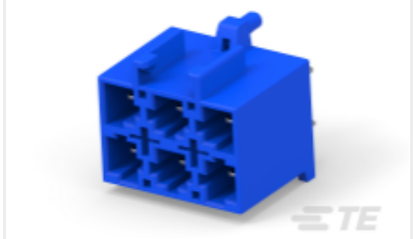


TE Part # 1-179849-1
PDL 6P HDR 6.5 DR V/T ASSY NAT



TE Part # 1-179849-4

PDL 6P HDR 6.5 DR V/T ASSY YEL



TE Part # 1-179849-6

PDL 6P HDR 6.5 DR V/T ASSY BLU

TE Part # 179860-1

AMP POWER D/LOCK TAB HDR 6P V

TE Part # 179860-4

AMP POWER D/LOCK TAB HDR 6P V

TE Part # 179860-6

AMP POWER D/LOCK TAB HDR 6P V

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 # 316086-1

2.5 SIGNAL D/LOCK CAP HSG 2P



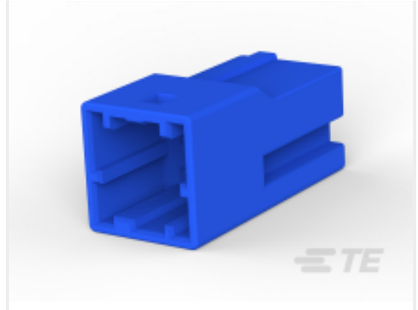
TE Part # 170324-1

187 PL MKII REC. 24-20AWG PTBR



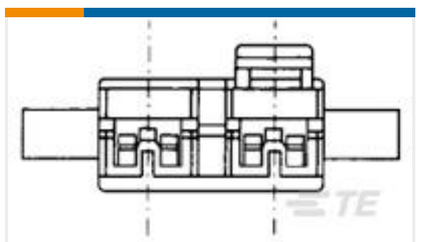
TE Part # 1981972-1

GIC2.5W PLUG HOUSING 12POS (2-ROW) NAT



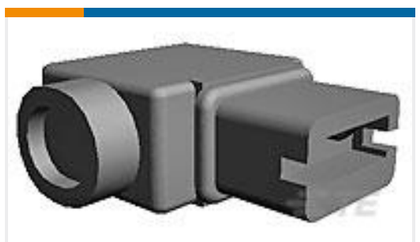
TE Part # 2-1903391-3

GIC 2.5 W CAP HSG 2P BLUE



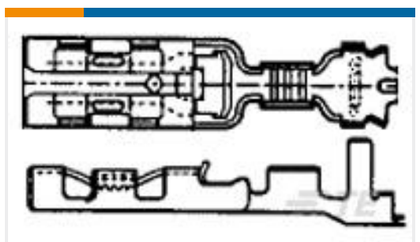
TE Part # 353253-1

PL EX 110 (2.8 MM) HOUSING RECEPTACLE



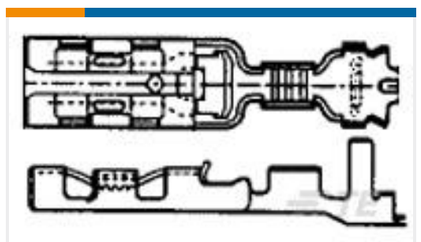
TE Part # 1-178708-1

187 SLEEV PL EX FLAG NAT



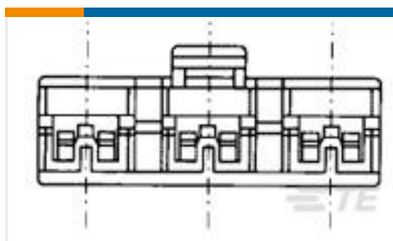
TE Part # 353249-2

110 PL EX REC. 26-22AWG PTPHBZ

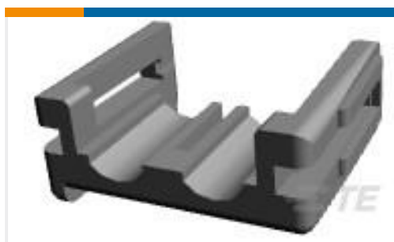


TE Part # 353250-2

110 PL EX REC. 20-16AWG PTPHBZ



TE Part # 353255-1
110 HSG. PL EX REC. 7.6mm 3P NAT



TE Part # 5-1565089-1
GRACE INERTIA CONNECTOR 3.5 2P PLATE

Documents

Product Drawings

AMP POWER D/LOCK PLUG HSG 6P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_179862-1_N.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_179862-1_N.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_179862-1_N.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Application Specification

English

Agency Approvals

CSA Certificate

English