1743399-1 ✔ ACTIVE

Power Double Lock

TE Internal #: 1743399-1

Rectangular Power Connectors, Header, Plug, Wire-to-Board, 5 Position, .163 in [4.15 mm] Centerline, Printed Circuit Board, Power Double Lock

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors





Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **5**

Centerline (Pitch): **4.15 mm [.163 in]**

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
Number of Signal Positions	0
Number of Rows	1

Contact Features

Contact Current Rating (Max)	3 A
Contact Retention Within Housing	Without
Contact Type	Tab

Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]

Termination Features

Termination Method to Wire & Cable	Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	4.15 mm[.163 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag

Product Compliance

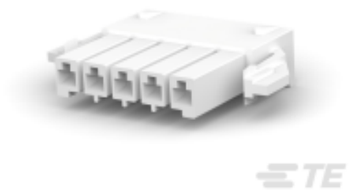
For compliance documentation, visit the product page on TE.com>

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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



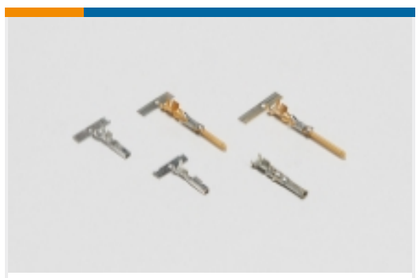
TE Part # 1743401-1
HALL SENSOR 5P PLUG HSG

TE Part # 1743401-8
HALL SENSOR 5P PLUG HSG BLU

Also in the Series | Power Double Lock

Connector Contacts(1)

Insertion & Extraction Tools(2)

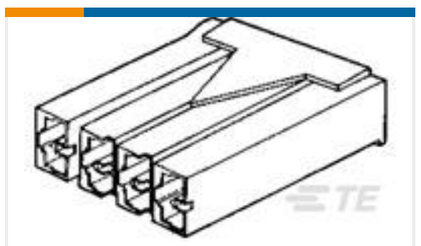


Power Contacts(23)

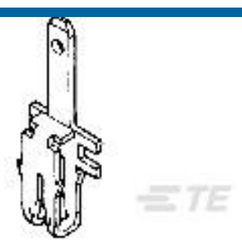
Rectangular Connector Locking(14)

Rectangular Power Connectors(284)

Customers Also Bought



TE Part #174513-1
PL 187 HOUSING RECEPTACLE



TE Part #63145-1
MAG-MATE 110 TAB 17-19 020TPBR

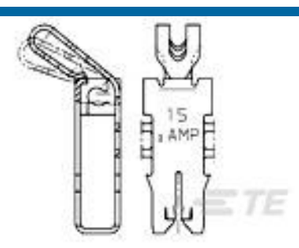
TE Part #1969588-6
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5

TE Part #85091-1
250 HSG. PL MKII FLAG REC. 10mm 2P NAT

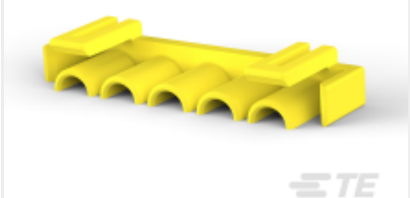
TE Part #1601075-2
131-145-014=WIRE2BLADE,STD,SMZ

TE Part #3-2005820-9
CLUSTER BLOCK 3P SLIM HSG(GWT)

TE Part #3-480699-0
02P UMNL CAP HSG NATL



TE Part #969125-1
MAG-MATE KONT M.FED



TE Part #1897628-5
MINI MTDL 5P DOUBLE LOCK PLATE

Documents

Product Drawings

HALL SENSOR 5P HDR ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1743399-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1743399-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1743399-1_B.3d_stp.zip

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English