194018-1 ✔ ACTIVE

ELCON

TE Internal #: 194018-1

Rectangular Power Connectors, Header, Plug, Wire-to-Board, 5 Position, 600 mm [36 in] Centerline, Printed Circuit Board, UL 94V-0

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): **600 mm [36 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
PCB Mount Orientation	Vertical

Contact Features

PCB Contact Termination Area Plating Material Thickness	5.08 µm[200 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	36 A

Contact Type	Pin
PCB Contact Termination Area Plating Material	Silver
Contact Mating Area Plating Material Thickness	5.08 - 10.16 µm[200 - 400 µin]

Termination Features

Termination Post & Tail Length	3.69 mm[.145 in]
Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Standard Polarized Tail
Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without
Mating Retention Type	Locking Tab
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	600 mm[36 in]
Housing Color	White
Housing Material	Nylon GF

Dimensions

Connector Height	14.73 mm
PCB Thickness (Recommended)	1.57 mm[.062 in]
Product Width	7.62 mm
Product Length	33.02 mm

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

CSA Rating	Certified, LR 16455

UL Rating	Recognized
Compatible With Agency/Standards Products	CSA, UL, VDE
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	25
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	Wave solder capable to 265°C

Product Compliance Disclaimer

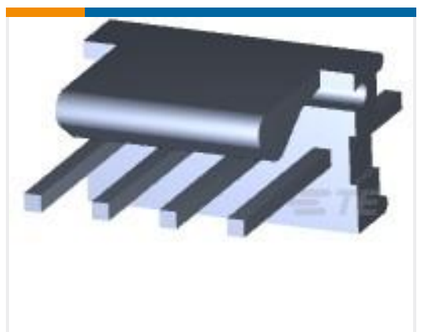
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 770016-1
05P UMNLII IN-LNE PLUG HSG KIT

Customers Also Bought

TE Part # T4010008031-000
M8,SCREW, FEMALE,S,UNSHIELD,3P, GOLD



TE Part # 3-641215-4
04P MTA100 HDR ASSY FL/ST 30AU

TE Part # 1558665-7
T9GS5L14-24

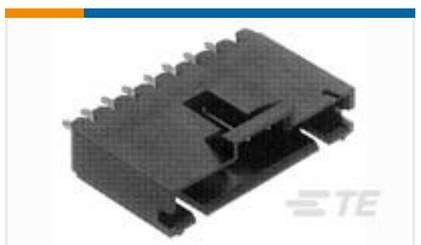
TE Part # 2170030-1
SFP+ 1x4 w/ Ultra Low Profile LP

TE Part # 1888901-1
SFP+ EMI Plug

TE Part # 5787745-2
USB A R/A STAK ASSY THRU HOLE

TE Part # 194010-1
PIN ASSY..070

TE Part # 5406721-2
MJ,RJ45,SM,TGRAY,13"REEL



TE Part # 103670-5
06 MTE HDR SRST LATCH W/HLDWN

TE Part # 194017-1
PIN ASSY..070

Documents

Product Drawings

PIN ASSY..070

English

CAD Files

Customer View Model

ENG_CVM_CVM_194018-1_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_194018-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_194018-1_C.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_SOCKET_CONNECTORS_STANDARD_DENSITY

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English