2204585-1 ✔ ACTIVE

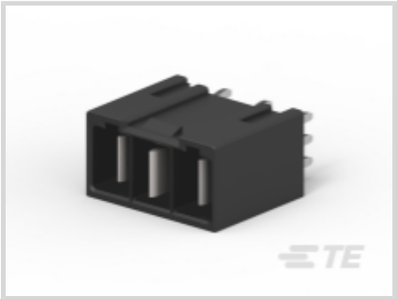
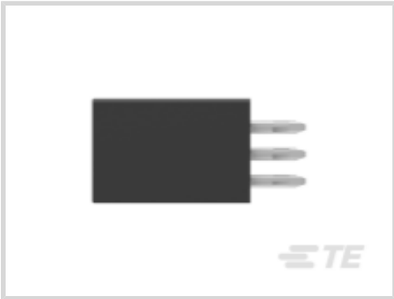
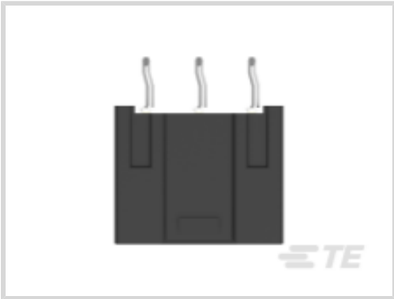
ELCON | ELCON Mini

TE Internal #: 2204585-1

ELCON Mini, Rectangular Power Connectors, Connector Assembly, Receptacle, Wire-to-Board, 3 Position, 5.7mm [.224in] Centerline, Printed Circuit Board

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors

Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **3**

Centerline (Pitch): **5.7 mm [.224 in]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	3
PCB Mount Orientation	Vertical
Number of Power Positions	3
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	400 VDC

Contact Features

Contact Current Rating (Max)	35 A
Contact Retention Within Housing	Without
Contact Type	Tab
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Silver
Contact Mating Area Plating Material Thickness	3 µm[118.11 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.7 mm[.224 in]
Housing Color	Black
Housing Material	LCP GF30 (Liquid Crystal Polymer)

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

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 2021 (211) Candidate List Declared Against: JAN 2021 (211)

	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

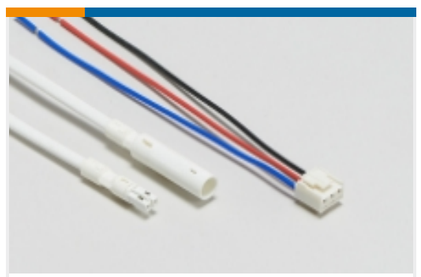
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 2204534-1
ELCON MINI 3P CABLE CONN,PULL-TAB

Also in the Series | ELCON Mini

Insertion & Extraction Tools(1)



Power Cable Assemblies(6)

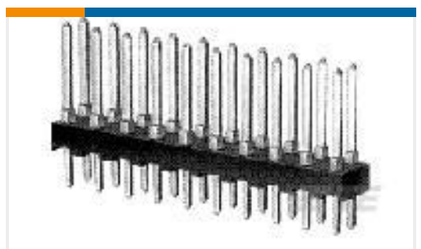
Rectangular Power Connectors(32)

Customers Also Bought

TE Part #120521-1
Free Height Receptacle Conn: Board-Board, Vertical, 64, 1mm

TE Part #1053378-1
2064 0000 00

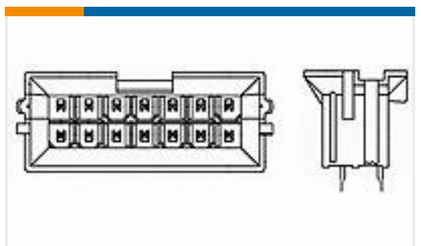
TE Part #1437259-6
3100089=SHIELD FINGER



TE Part #1-87227-0
20 MODII HDR DRST UNSHRD .100

TE Part #1053354-1
2062 0000 00,SMA PCB VERT JACK

TE Part #1-1879214-7
CPF 0402 475R 0.1% 25PPM 1K RL



TE Part #1586585-4
4P VAL-U-LOK BMI VRT HDR V2

TE Part #1-1761685-3
IDC LOW PRO HDR 40P VERT SHT LAT

TE Part #1-770874-1
04P MINI UMNL HDR ASSY AU LF

TE Part #YACT24JG39AAV00100
JAM NUT RECEPTACLE

Documents

Product Drawings

ELCON MINI 3P VERT HEADER,PRESS-FIT,T/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2204585-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2204585-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2204585-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

ELCON Mini Power Interconnects QRG (English)

English

Product Specifications

Application Specification

English