2204529-2 ✔ ACTIVE

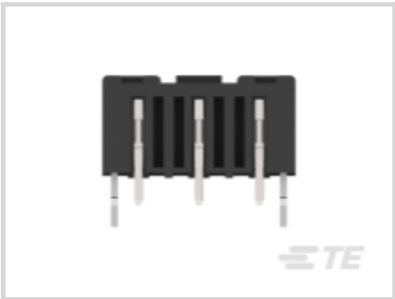
ELCON | ELCON Mini

TE Internal #: 2204529-2

PCB Mount Header, Right Angle, Cable-to-Board, 3 Position, 5.7 mm [.224 in] Centerline, Fully Shrouded, Silver (Ag), Through Hole - Solder, ELCON Mini

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

Connector System: **Cable-to-Board**

Number of Positions: **3**

Number of Rows: **1**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Header
Connector System	Cable-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Power Positions	3
PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	400 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	3 µm[118.11 µin]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Silver
Contact Mating Area Plating Material	Silver (Ag)
Contact Type	Tab
Contact Current Rating (Max)	35 A

Termination Features

Termination Post & Tail Length	2.6 mm[.102 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Locking Tab
Mating Retention	With
PCB Mount Retention Type	Retention Clip/Post
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Connector Width	14.9 mm[.58 in]
Connector Length	18.2 mm[.71 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]

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

Operation/Application

Circuit Application	Power

Industry Standards

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

Packaging Features

Packaging Quantity	200
Packaging Method	Tape

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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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	Reflow solder capable to 260°C

Product Compliance Disclaimer

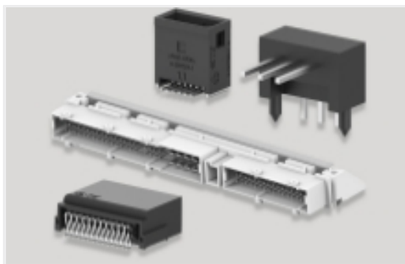
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

Also in the Series | ELCON Mini

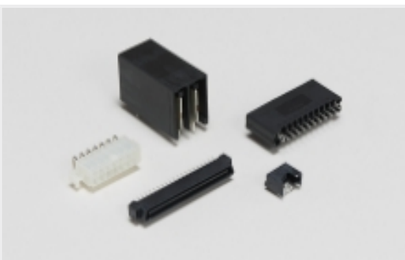
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(19)

Rectangular Connector Housings(6)

Rectangular Power Connectors(25)

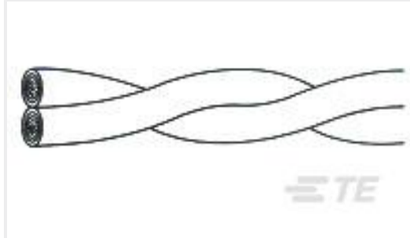


Standard Rectangular Connectors(6)

Customers Also Bought

TE Part #1-188685-2
STD TIMER PCB CONTACT

TE Part #1658647-1
KIT,HDP-20,OVRMLD,PLUG,SIZE 2,



TE Part #316038-004
55A0121-24-0/9

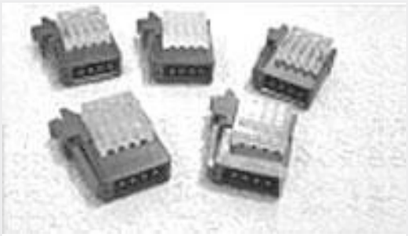
TE Part #1-316132-2
DYNAMIC D-3200 HDR ASSY 5P V

TE Part #3-1879453-7
TE 1000W 1K0 5% Bracket

TE Part #38941-22
CONT PIN / SOC

TE Part #38941-22L
CONTACTS

TE Part #770063-1
01P .093 COMM P&S RECPT HSG



TE Part #4-1473562-3
RITS CONN. PLUG ASSY 3P GREEN

TE Part #770064-1
01P .093 COMM P&S PLUG HSG

Documents

Product Drawings

ELCON MINI 3P RA HEADER,SOLDER,STANDARD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2204529-2_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2204529-2_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2204529-2_B1.3d_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