1744337-1 ✔ ACTIVE

Economy Power

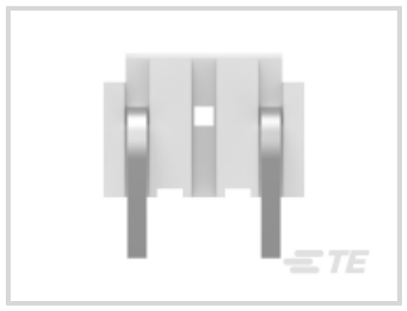
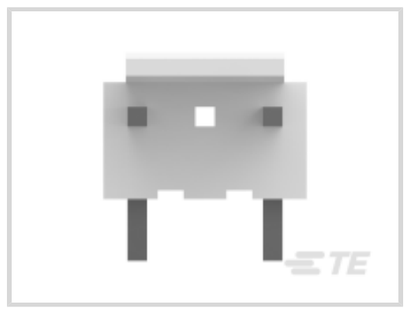
TE Internal #: 1744337-1

PCB Mount Header, Right Angle, Wire-to-Board, 3 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin (Sn), Economy Power

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **3**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

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

Configuration Features

Number of Loaded Positions	2
PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1
Number of Power Positions	3

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

Contact Size	1.14mm
PCB Contact Termination Area Plating Material Thickness	2 µm[80 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	8.6 mm[.339 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Thickness	2 µm[80 µin]
Contact Type	Tab
Contact Current Rating (Max)	8 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	3.6 mm[.141 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention Type	Locking Tab
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Material	Nylon 66

Dimensions

Connector Width	9.4 mm[.37 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	8.21 mm[.323 in]

Connector Length	11.88 mm[.468 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

Other

Position Locations Omitted	2
Number of Blocked Positions	1

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	Out of Scope
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Pin-in-Paste 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 # 1744048-5
05P EC PWR.200 CL HDR ASSY RA



TE Part # 1744493-3
03P EP-II HOUSING, ORANGE



TE Part # 1744048-3
03P EC PWR.200 CL HDR ASSY RA



TE Part # 1744048-7
07P EC PWR.200 CL HDR ASSY RA



TE Part # 1744416-3
3 POS EP II HSG, GLOW WIRE



TE Part # 1744048-2
02P EC PWR.200 CL HDR ASSY RA



TE Part # 1744489-3
3.96 EP HDR ASY 03P NO PEG, GW



TE Part # 1744048-4
04P EC PWR.200 CL HDR ASSY RA



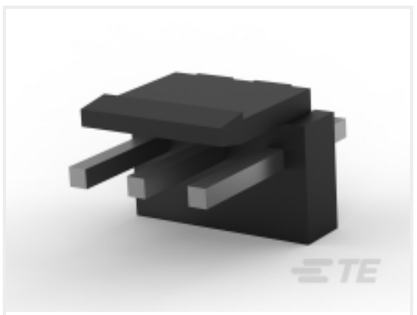
TE Part # 1744048-6
06P EC PWR.200 CL HDR ASSY RA



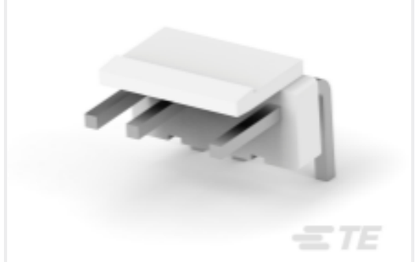
TE Part # 8-1744056-2
3.96 EP HDR ASSY 2P R/A HT,TAPE



TE Part # 1-1744048-0
10P EC PWR.200 CL HDR ASSY RA



TE Part # 1744055-3
3.96 EP HDR ASSY 3P VERT HT

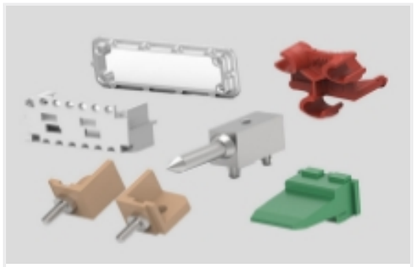


TE Part # 1744525-4
EP RA 04P HEADER ASY NO 3 PIN

Also in the Series | Economy Power



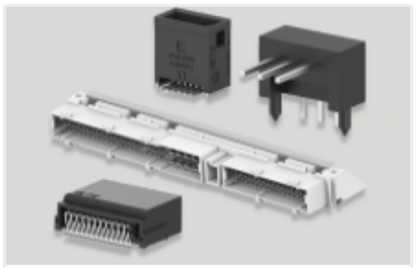
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



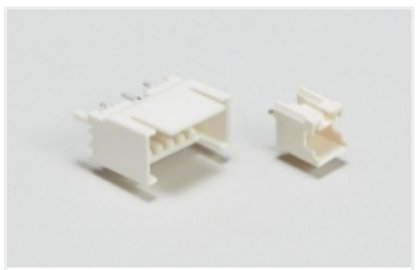
PCB Headers & Receptacles(483)



Power Contacts(9)



Rectangular Power Connectors(581)

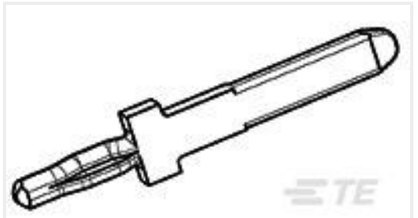


Wire-to-Board Headers & Receptacles (483)

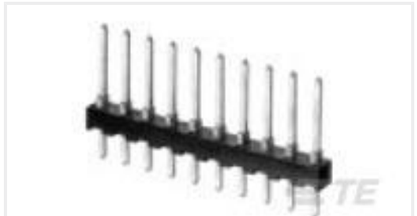
Customers Also Bought



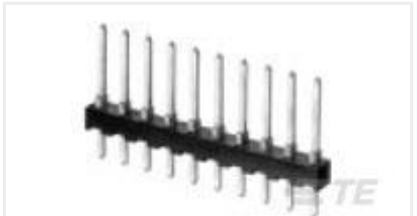
TE Part #62820-1
PIN 093 CRIMP TAB 22-16 AWG PTPBR



TE Part #338429-2
TAB 2,8X0,8 ACT PIN



TE Part #825440-3
MOD 2 PINHDR 2X03P.



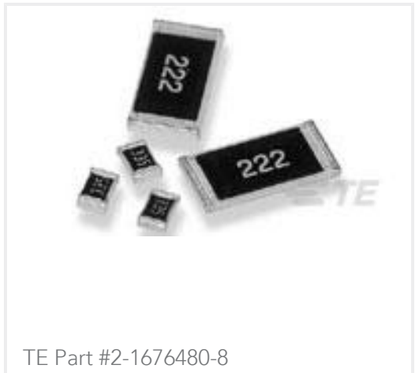
TE Part #1-825440-2
MOD 2 PINHDR 2X12P.



TE Part #2-1623928-0
CFR16 5% 3R3



TE Part #1625966-8
HSA10 150R 5%



TE Part #2-1676480-8
CRG0402 1% 1K8



TE Part #2-1744418-0
20 POS EP 2.5 HDR, GLOW WIRE



TE Part #1825002-1
ADF0204=DIP SWT,FLUSH,THRU/HL



TE Part #1-2305018-2
USB TYPE C, REC ON BOARD DUAL SMT

Documents

Product Drawings

EP HDR ASSY 3P R/A, OMIT 2

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744337-1_B_c-1744337-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744337-1_B_c-1744337-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744337-1_B_c-1744337-1-b.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English