1-1744498-0

Economy Power II

TE Internal #: 1-1744498-0

TE Internal Description: 10P EP-II HOUSING, BLACK

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Latch, Locking Latch**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Black

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without

Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention Type	Latch, Locking Latch
Mating Retention	With
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Height	13.3 mm[.523 in]
Connector Length	40.16 mm[1.58 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	500
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	有害物质含量符合标准要求 No Restricted Substance(s) 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	Not reviewed for solder process capability

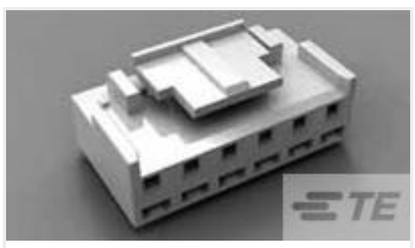
Product Compliance Disclaimer

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 # 1744408-7
EP SHRD HDR ASSY, BLACK, 7 POS



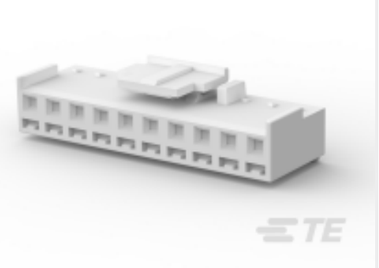
TE Part # 3-1123722-0
3.96 EP PLUG HSG 10P(BLUE)



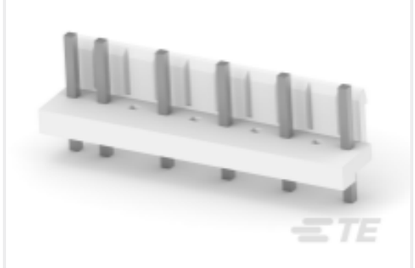
TE Part # 3-1877285-0
10P EP SHRD HDR ASMY, BLACK



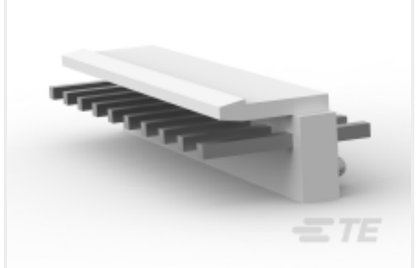
TE Part # 1744493-3
03P EP-II HOUSING, ORANGE



TE Part # 1-2132781-0
10P EP-II HOUSING, NATURAL



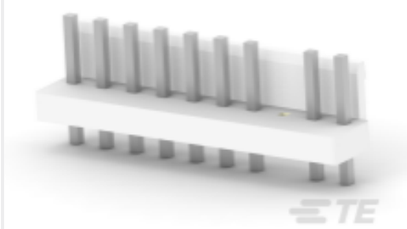
TE Part # 1-1612911-0
EP CONN HDR ASSY 3.96/7.92MM P



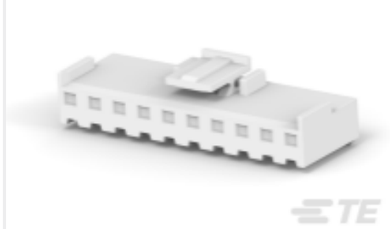
TE Part # 1-1744057-0
3.96 EP HDR ASSY 10P W/PEGS



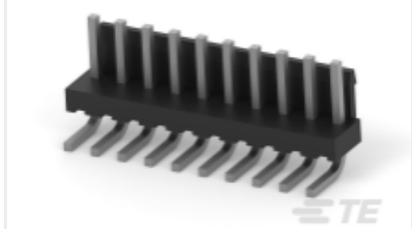
TE Part # 1-1318300-0
3.96 EP HDR ASSY 10P NAT/TUBE



TE Part # 1-1744524-0
EP 10P HEADER ASY NO 8 PIN



TE Part # 7-1123722-0
3.96 EP PLUG HSG 10P(NATURAL)



TE Part # 1-1744056-0
3.96 EP HDR ASSY 10P R/A HT



TE Part # 3-1744524-0
EP 10P HDR NO3,5,7,9PINS V0GWT



TE Part # 1-1123723-0
3.96 EP HDR ASSY 10P(NATURAL)



TE Part # 5-1123723-0
3.96 EP HDR ASSY 10P(BLACK)



TE Part # 5-1565036-5
EP CONN HDR ASSY 3.96/7.92MM P



TE Part # 4-1123723-0
3.96 EP HDR ASSY 10P(RED)



TE Part # 2-2316952-0
3.96 EP HDR ASSY 10P, NO PIN 3,5,7,9



TE Part # 1-1744416-0
10 POS EP II HSG, GLOW WIRE



TE Part # 1-1744416-2
12 POS EP II HSG, GLOW WIRE

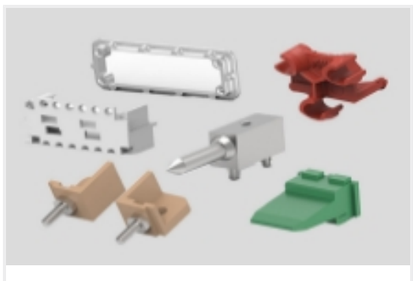


TE Part # 1-1744489-0
3.96 EP HDR ASY 10P NO PEG, GW

Also in the Series | Economy Power II



Connector Contacts(3)



Connector Hardware(10)



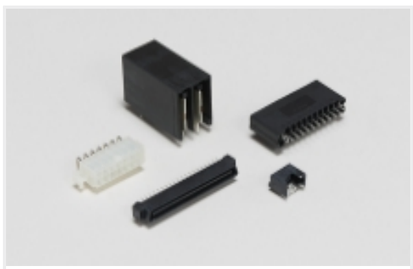
Power Contacts(3)



Rectangular Connector Housings(8)



Rectangular Power Connectors(10)



Standard Rectangular Connectors(8)



Wire-to-Board Connector Assemblies & Housings(8)

Customers Also Bought



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #DT06-2S
PLG, 2P, GRY, N



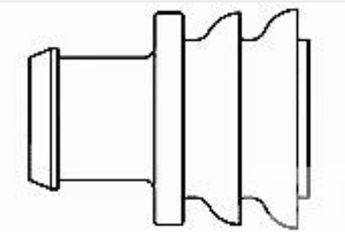
TE Part #CAT-D48-ST273
DEUTSCH Connector Solid Contacts



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING

Documents

Product Drawings

10P EP-II HOUSING, BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1744498-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1744498-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1744498-0_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications

Application Specification

English