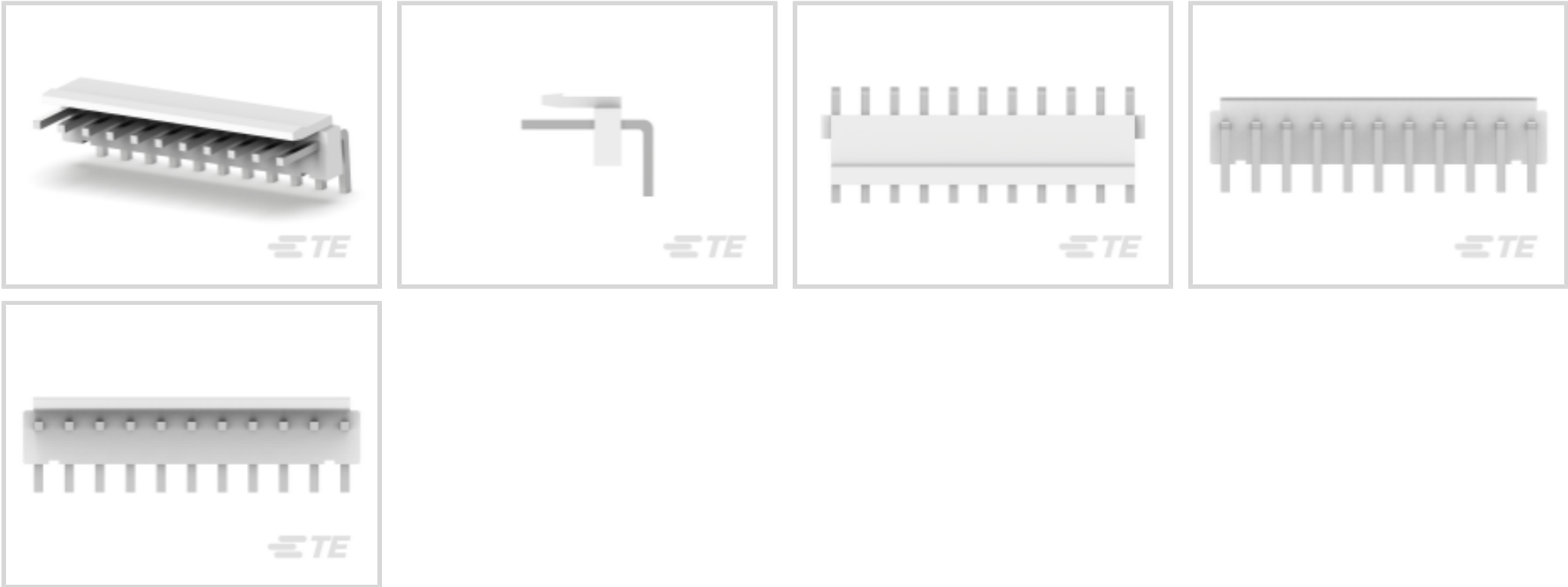




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **11**

Number of Rows: **1**

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 | 11          |
| Number of Power Positions  | 11          |
| PCB Mount Orientation      | Right Angle |
| Number of Positions        | 11          |
| Number of Rows             | 1           |

Electrical Characteristics



|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VDC |
|-------------------|---------|

Body Features

|                       |       |
|-----------------------|-------|
| Connector Profile     | Low   |
| Primary Product Color | White |

Contact Features

|                                                         |                 |
|---------------------------------------------------------|-----------------|
| Contact Size                                            | 1.14mm          |
| Contact Mating Area Plating Material Thickness          | 2 μm[80 μin]    |
| 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           |
| PCB Contact Termination Area Plating Material           | Tin             |
| Contact Mating Area Plating Material                    | Tin (Sn)        |
| Contact Type                                            | Tab             |
| Contact Current Rating (Max)                            | 8 A             |

Termination Features

|                                          |                       |
|------------------------------------------|-----------------------|
| Termination Post & Tail Length           | 3.6 mm[.141 in]       |
| Square Termination Post & Tail Dimension | 1.14 mm[.045 in]      |
| Termination Method to PCB                | Through Hole - Solder |

Mechanical Attachment

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

Housing Features

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

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            | 43.56 mm[1.71 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

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

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 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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 # 1-1744416-1  
11 POS EP II HSG, GLOW WIRE

TE Part # 1-1123722-1  
3.96 EP PLUG HSG 11P(NATURAL)

TE Part # 1-1744544-1  
EP II TPA 11P, BLACK

Also in the Series | Economy Power

Connector Contacts(15)

Connector Hardware(2)

Power Contacts(9)

Rectangular Connector Housings(58)

Rectangular Power Connectors(460)

Standard Rectangular Connectors(58)

Wire-to-Board Connector Assemblies & Housings(141)

Customers Also Bought

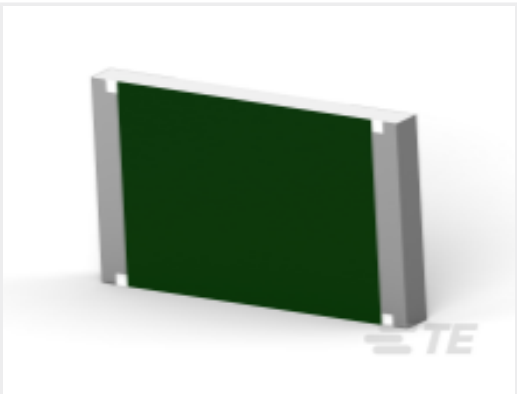
TE Part #2323552-1  
PL-036028.5-0.75-9

TE Part #2307813-8  
8P,2MM,BB,REC,SRVT,SMD,0.1AU,TR, W/CP

TE Part #3-2176415-7  
8W STD M/OX 5% 910R

TE Part #1871822-1  
GIC 3.3 12P DBL LOCK PLATE(2-ROW, M-TYPE)





TE Part #3-2176407-1  
3560 240K 1%



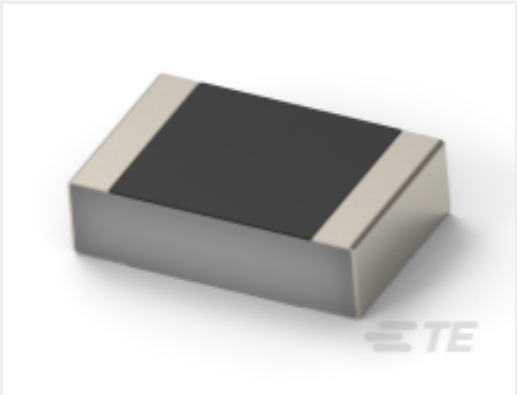
TE Part #2842151-4  
8P,2MM,BRK HDR,DRRT,2.8,0.38AU,TB



TE Part #1558665-6  
T9GS5L14-22



TE Part #2-282043-2  
AMP MONO-SHAPE 3 POS P.C.B.CON



TE Part #8-2176072-3  
CPF 0201 357R 0.5% 25PPM 1K RL



TE Part #1-1969599-8  
18P PM PLUG VAL-U-LOK V2

Documents

Product Drawings

3.96 EP HDR ASSY 11P R/A

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-647676-1\_B.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-647676-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-647676-1\_B.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

1-1773885-9 Economy Power Connectors

English

Product Specifications

Application Specification

Japanese

Application Specification

English

1-647676-1

PCB Mount Header, Right Angle, Wire-to-Board, 11 Position, 3.96 mm [.156 in]  
Centerline, Partially Shrouded, Tin (Sn), Economy Power



[Agency Approvals](#)

[VDE Certificate](#)

English