



Connectors > Rectangular Connectors > Rectangular Connector Housings



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

Number of Positions: **6**

Centerline (Pitch): **5.08 mm [ .2 in ]**

Number of Rows: **1**

Housing Material: **PA 66**

Features

Product Type Features

|                                    |                       |
|------------------------------------|-----------------------|
| Compatible With Discrete Wire Type | Stranded              |
| Connector System                   | Wire-to-Board         |
| Connector & Housing Type           | Plug                  |
| Sealable                           | No                    |
| Connector & Contact Terminates To  | Printed Circuit Board |

Configuration Features

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
| Number of Positions               | 6             |
| Number of Rows                    | 1             |

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

|                              |        |
|------------------------------|--------|
| Contact Layout               | Inline |
| Contact Current Rating (Max) | 14 A   |



|              |        |
|--------------|--------|
| Contact Type | Socket |
|--------------|--------|

Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Color      | Black          |
| Centerline (Pitch) | 5.08 mm[.2 in] |
| Housing Material   | PA 66          |

Dimensions

|                    |                |
|--------------------|----------------|
| Product Width      | 9.14 mm        |
| Row-to-Row Spacing | 5.08 mm[.2 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 130 °C[-67 – 266 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

|                                             |              |
|---------------------------------------------|--------------|
| CSA Rating                                  | LR 16455     |
| Compatible With Agency/Standards Products   | CSA, UL, VDE |
| Compatible With Approved Standards Products | UL E28476    |
| UL Flammability Rating                      | UL 94V-0     |

Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 250    |
| Packaging Method   | Carton |

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>Does not contain REACH SVHC |



|                           |                                                |
|---------------------------|------------------------------------------------|
| Halogen Content           | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not applicable 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 # 208116-4  
PIN HDR ASSY,6P,MMATE LF

Also in the Series | AMP Metrimate

|                                    |                                |                                 |                                    |
|------------------------------------|--------------------------------|---------------------------------|------------------------------------|
|                                    |                                |                                 |                                    |
| Connector Caps & Covers(5)         | Connector Hardware(4)          | Insertion & Extraction Tools(1) | PCB Headers & Receptacles(83)      |
|                                    |                                |                                 |                                    |
| Rectangular Connector Housings(35) | Rectangular Contact Inserts(4) | Rectangular Power Connectors(1) | Standard Rectangular Connectors(5) |



Customers Also Bought



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



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



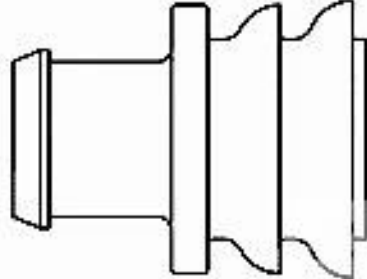
TE Part #W2S  
Wedgelocks: DEUTSCH DT



TE Part #0460-202-16141  
DEUTSCH Solid Contacts



TE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



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

Documents

Product Drawings  
PLUG,6 POSN,IN-LINE METRIC  
English

- CAD Files
- Customer View Model

ENG\_CVM\_208117-1\_C.3d\_igs.zip

English
- Customer View Model

ENG\_CVM\_208117-1\_C.3d\_stp.zip

English
- Customer View Model

ENG\_CVM\_208117-1\_C.2d\_dxf.zip

English
- 3D PDF

English
- 3D PDF

3D
- Customer View Model

ENG\_CVM\_CVM\_208117-1\_AA.2d\_dxf.zip

English
- Customer View Model

ENG\_CVM\_CVM\_208117-1\_AA.3d\_igs.zip

English
- Customer View Model



ENG\_CVM\_CVM\_208117-1\_AA.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

Application Specification

English

METRIMATE Self-Locking Connectors

Japanese

Application Specification

Japanese

Agency Approvals

UL Report

English