

827229-3 ✓ ACTIVE

### Timer Connector System

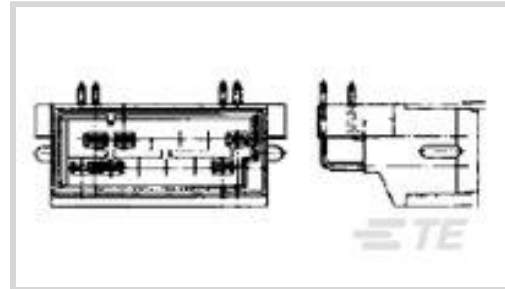
TE Internal #: 827229-3

PCB Mount Header, Horizontal, Wire-to-Board, 12 Position, .197 in [5 mm] Centerline, Fully Shrouded, Gold (Au), Timer Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles > LOW & MEDIUM POWER HEADER



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

Number of Positions: **12**

Centerline (Pitch): **5 mm [ .197 in ]**

Sealable: **No**

PCB Mount Orientation: **Horizontal**

[All LOW & MEDIUM POWER HEADER \(153\)](#)

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Hybrid Header                     | No                    |
| Connector & Housing Shape         | Rectangular           |
| PCB Connector Assembly Type       | PCB Mount Header      |
| Header Type                       | Fully Shrouded        |
| Connector System                  | Wire-to-Board         |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                            |            |
|----------------------------|------------|
| Number of Signal Positions | 12         |
| Number of Positions        | 12         |
| PCB Mount Orientation      | Horizontal |
| Number of Rows             | 2          |

### Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

### Contact Features

|              |     |
|--------------|-----|
| Contact Size | 3mm |
| Contact Type | Tab |



|                                      |                |
|--------------------------------------|----------------|
| Mating Tab Width                     | 3 mm[.118 in]  |
| Mating Tab Thickness                 | .8 mm[.031 in] |
| Contact Mating Area Plating Material | Gold (Au)      |

#### Termination Features

|   |                       |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

#### Mechanical Attachment

|                          |             |
|--------------------------|-------------|
| Mounting Holes           | With        |
| Mating Alignment         | With        |
| PCB Mount Alignment      | Without     |
| Panel Mount Feature      | Without     |
| PCB Mount Retention      | With        |
| PCB Mount Retention Type | Solder Tail |

#### Housing Features

|                    |               |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.197 in] |
|--------------------|---------------|

#### Dimensions

|                         |                   |
|-------------------------|-------------------|
| Connector Length        | 43.8 mm[1.724 in] |
| Connector Width         | 28 mm[1.102 in]   |
| Profile Height from PCB | 17.7 mm[.697 in]  |

#### Operation/Application

|                     |        |
|---------------------|--------|
| Shielded            | No     |
| Circuit Application | Signal |

#### Packaging Features

|                |      |
|----------------|------|
| Packaging Type | Tray |
|----------------|------|

#### 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUN 2016 (169) |



SVHC > Threshold:  
Not Yet Reviewed

|                           |   |
|---------------------------|---|
| Halogen Content           | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



TE Part # CAT-T4827-CH8172  
TIMER, CONNECTOR HOUSING


### Also in the Series | Timer Connector System



Automotive Connector Caps & Covers (11)



Automotive Connector Locks & Position Assurance(16)



Automotive Housings(219)



Automotive Seals & Cavity Plugs(31)



Automotive Terminals(138)



Crimp Terminal Housings(13)



Insertion & Extraction Tools(20)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(78)



Quick Disconnects(4)

## Customers Also Bought



TE Part #5-338169-2  
15P HDP20 PLUG ASSY



TE Part #1-928776-3  
MOD2 STIFT M A-PIN



TE Part #104809-4  
05 MTE HDR SRST LATCH W/HLDWN



TE Part #104809-6  
07 MTE HDR SRST LATCH W/HLDWN



TE Part #1725761-1  
KIT,SEATING TOOL, 1X4



TE Part #826938-4  
4P AMPMODU II STIFT LEI

## Documents

**Product Drawings**  
12P MESSERLEISTE

English

**CAD Files**

3D PDF

English

**Customer View Model**

ENG\_CVM\_827229-3\_C1.2d\_dxf.zip



English

Customer View Model

[ENG\\_CVM\\_827229-3\\_C1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_827229-3\\_C1.3d\\_stp.zip](#)

English

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[ENG\\_CVM\\_CVM\\_827229-3\\_C.2d\\_dxf.zip](#)

English

Customer View Model

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Customer View Model

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English

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