

1-796638-2 ✓ ACTIVE

Buchanan

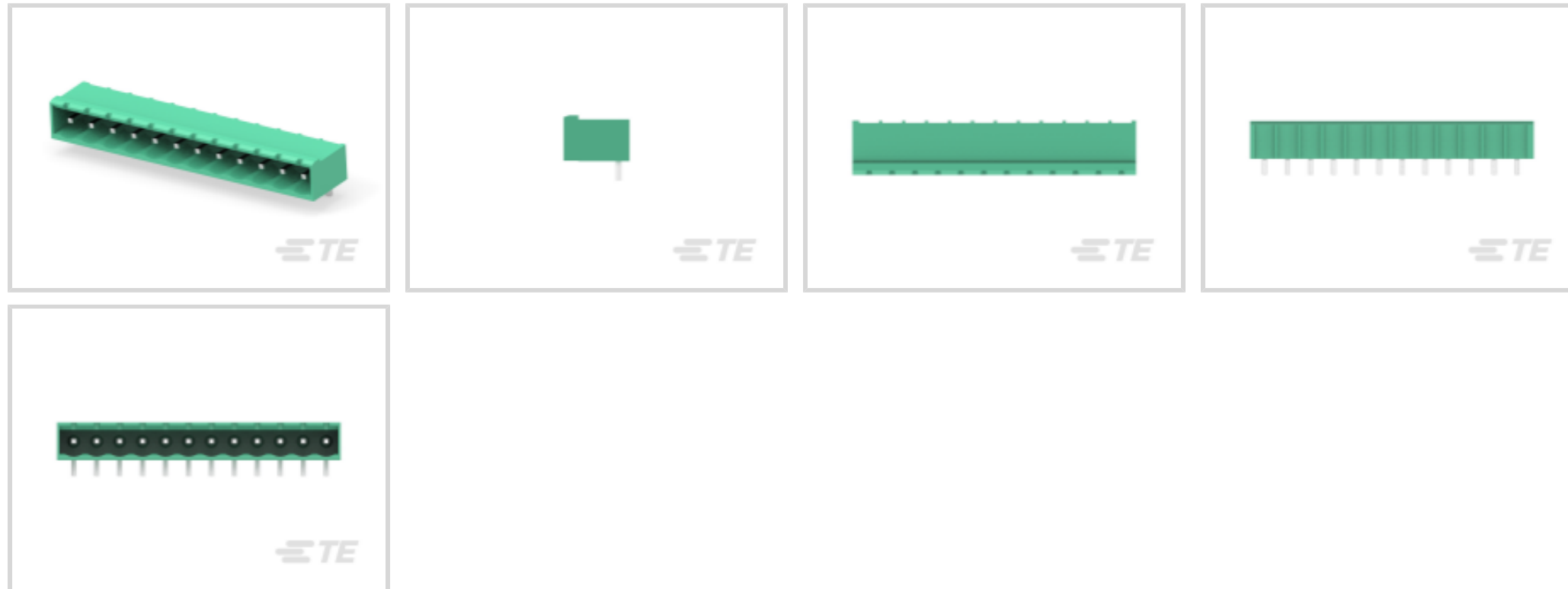
TE Internal #: 1-796638-2

Header, Wire-to-Board, 12 Position, 5.08 mm [.2 in] Centerline, 1 Row, 30 – 12 AWG Wire Size, .05 – 3 mm<sup>2</sup> Wire Size, PCB Terminal Blocks

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Terminal Block Connector Type: **Header**

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

Number of Positions: **12**

## Features

### Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Header Type                       | Fully Shrouded        |
| Terminal Block Connector Type     | Header                |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                        |                |
|------------------------|----------------|
| Stacking Configuration | Side Stackable |
| Number of Positions    | 12             |
| Number of Rows         | 1              |

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|



### Body Features

|                       |             |
|-----------------------|-------------|
| Primary Product Color | Green       |
| Product Orientation   | Right Angle |

### Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Contact Mating Area Plating Material | Tin             |
| Contact Base Material                | Phosphor Bronze |
| Contact Current Rating (Max)         | 15 A            |

### Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 3.5 mm[.138 in]       |

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Housing Features

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

### Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 30 – 12 AWG |
|-----------|-------------|

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

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

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

### 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 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241) |



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



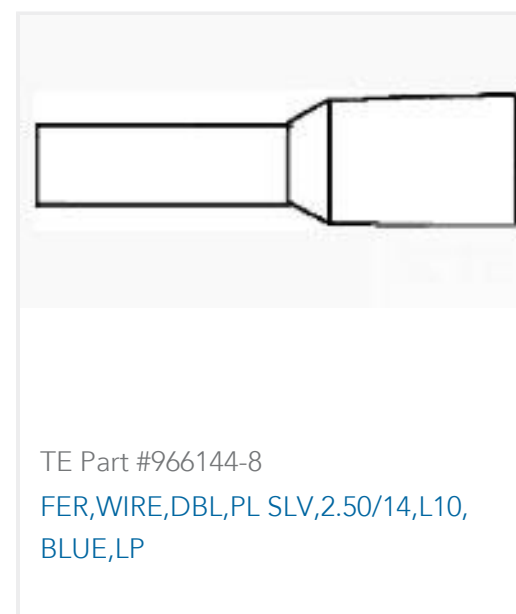
## Customers Also Bought



TE Part #1-2071582-2  
ECP600BHBADB



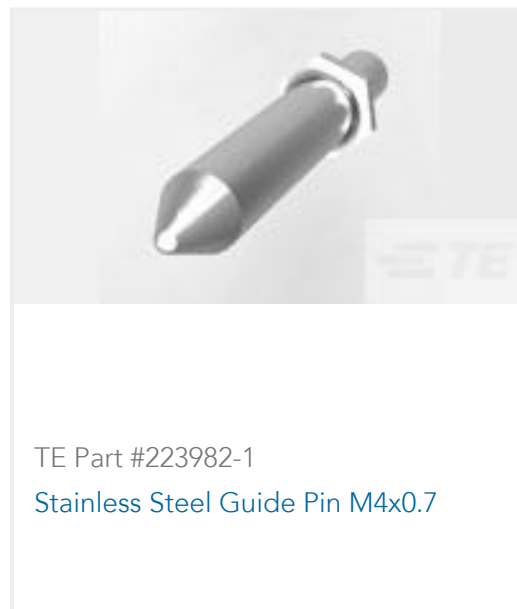
TE Part #C750743001  
RAY-103-3.0(100)



TE Part #966144-8  
FER,WIRE,DBL,PL SLV,2.50/14,L10,  
BLUE,LP



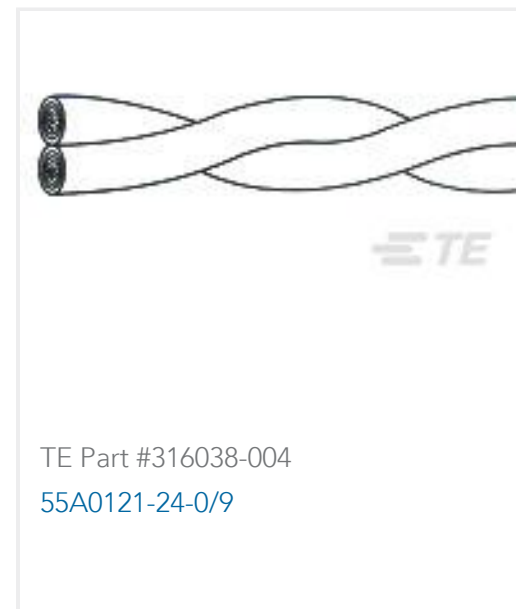
TE Part #640051-1  
RING TONGUE .164 18-14 AWG SST



TE Part #223982-1  
Stainless Steel Guide Pin M4x0.7



TE Part #796638-8  
8POS 5.08MM CE R/A HDR,TRM BLK



TE Part #316038-004  
55A0121-24-0/9



TE Part #1-1579007-3  
EXTRACTION TOOL



TE Part #787610-1  
CPC RECPT,SIZE 23-37 W/INSERTS



TE Part #2298721-1  
4P,MATE-AX,SOC HSG ASSY,180DEG,  
COD A

## Documents

### Product Drawings

12POS 5.08MM CE R/A HDR,TRM BK

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1-796638-2\\_C3.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-796638-2\\_C3.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-796638-2\\_C3.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D



### Customer View Model

[ENG\\_CVM\\_CVM\\_1-796638-2\\_C.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-796638-2\\_C.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-796638-2\\_C.3d\\_stp.zip](#)

English

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

## Datasheets & Catalog Pages

[Eurostyle Terminal Blocks Focus Product Stock List](#)

English

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[BUCHANAN PCB TERMINAL BLOCKS](#)

English

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_ORG](#)

English

## Product Specifications

[Application Specification](#)

English

## Agency Approvals

[UL](#)

English