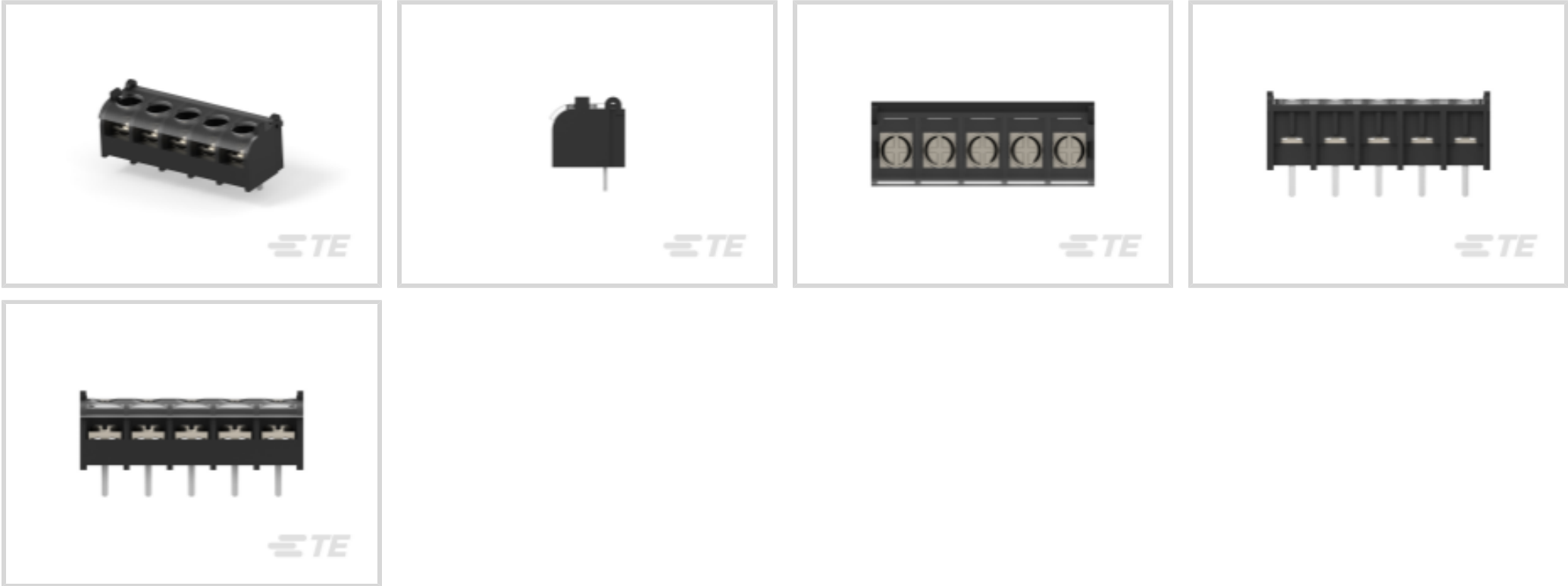




Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Tri-Barrier**  
Bottom Termination Type: **Printed Circuit Pin**  
Connector System: **Wire-to-Board**  
Number of Positions: **5**  
Centerline (Pitch): **8.26 mm [.325 in]**

Features

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Block Style                       | Flat Bottom with standoffs |
| Connector System                  | Wire-to-Board              |
| Connector & Contact Terminates To | Printed Circuit Board      |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Levels    | 1 |
| Number of Positions | 5 |
| Number of Rows      | 1 |

Electrical Characteristics

|                   |       |
|-------------------|-------|
| Operating Voltage | 300 V |
|-------------------|-------|

Body Features

|                       |             |
|-----------------------|-------------|
| Primary Product Color | Black       |
| Product Orientation   | Vertical    |
| Barrier Strip Style   | Tri-Barrier |

Contact Features

|  |  |
|--|--|
|  |  |
|--|--|



|                                               |       |
|-----------------------------------------------|-------|
| PCB Contact Termination Area Plating Material | Tin   |
| Contact Base Material                         | Brass |
| Contact Current Rating (Max)                  | 15 A  |

Termination Features

|                         |                     |
|-------------------------|---------------------|
| Bottom Termination Type | Printed Circuit Pin |
|-------------------------|---------------------|

Mechanical Attachment

|                         |                       |
|-------------------------|-----------------------|
| Screw Head Type         | Combo Phil-Slot       |
| Screw Plating Material  | Nickel                |
| Screw Material          | Steel                 |
| Top Termination Type    | Wire Clamp Combo Head |
| Mounting Options        | None                  |
| Thread Size             | M3                    |
| Connector Mounting Type | Board Mount           |

Housing Features

|                    |                   |
|--------------------|-------------------|
| Housing Material   | PBT               |
| Centerline (Pitch) | 8.26 mm [.325 in] |

Dimensions

|                |                        |
|----------------|------------------------|
| Product Length | 42.47 mm [1.672 in]    |
| Wire Size      | .3 - 2 mm <sup>2</sup> |

Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 - 120 °C [-40 - 248 °F] |
|-----------------------------|-----------------------------|

Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Quantity | 250     |
| Packaging Method   | Package |

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                   | Not Yet Reviewed                                                                                                              |
| 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                               | 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

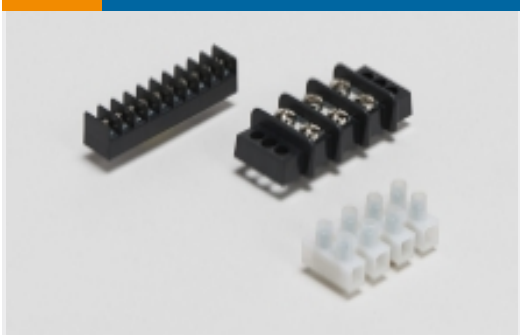
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1546734-5  
05P .325" HIGH-RISE DUAL BARRI

Also in the Series | Buchanan 4 Series



Barrier Strips(72)



Customers Also Bought

TE Part # 1-1586037-2  
12P VERT HDR VAL-U-LOK V2

TE Part # 292228-2  
1.5 MINI CT SGL H SMT W/O BOSS

TE Part # 1-1586041-2  
12P VAL-U-LOK R/A HDR V2

TE Part # 282836-1  
TERMI-BLOK PCB MOUNT 5,0MM PEG

TE Part # 796682-2  
TERMI-BLOK PCB MOUNT 90 2P.

TE Part # 2825274-2  
2P VAL-U-LOK HCS VRTHDR W/PGS GW

TE Part # 2-1586037-0  
20P VERT HDR VAL-U-LOK V2

TE Part # 1-881545-4  
AMP SHUNT ASS'Y

TE Part # 2-2314924-0  
20P,2MM,B-B,REC,DRHZ,2,8,0.1AU,TR

TE Part # 2-2176467-2  
TLRP 1206 1.0W R003 1% 100PPM 5K RL

Documents

Product Drawings  
5P .325 TRI-BARRIER W/COVER

English

CAD Files  
Customer View Model  
ENG\_CVM\_CVM\_1546927-5\_A.2d\_dxf.zip

English

3D PDF

3D

Customer View Model  
ENG\_CVM\_CVM\_1546927-5\_A.3d\_igs.zip

English

Customer View Model  
ENG\_CVM\_CVM\_1546927-5\_A.3d\_stp.zip

English

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



Datasheets & Catalog Pages

BUCHANAN TERMINAL BLOCKS CATALOG - BARRIER STRIPS

English

1-1773458-2\_BARRIER\_STRIPS\_QUICK\_REFERENCE\_GUIDE

English

Agency Approvals

UL

English