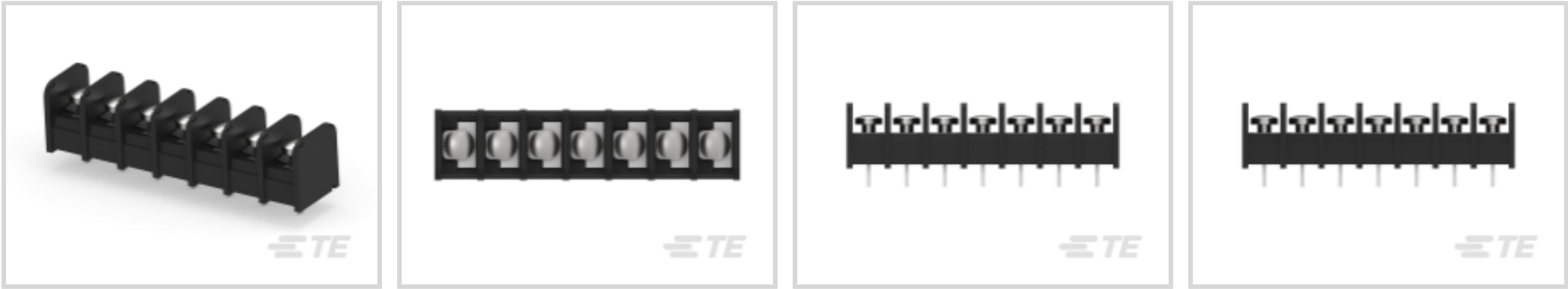




Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Dual Barrier**  
Bottom Termination Type: **Printed Circuit Pin**  
Connector System: **Wire-to-Board**  
Number of Positions: **7**  
Centerline (Pitch): **9.53 mm [.375 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 | 7 |
| Number of Rows      | 1 |

Electrical Characteristics

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

Body Features

|                       |              |
|-----------------------|--------------|
| Terminal Profile      | Low          |
| Primary Product Color | Black        |
| Product Orientation   | Vertical     |
| Barrier Strip Style   | Dual Barrier |

Contact Features

|                                               |              |
|-----------------------------------------------|--------------|
| Contact Base Material                         | Copper Alloy |
| PCB Contact Termination Area Plating Material | Tin          |



|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 20 A |
|------------------------------|------|

Termination Features

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

Mechanical Attachment

|                         |                    |
|-------------------------|--------------------|
| Top Termination Type    | Binding Combo Head |
| Mounting Options        | None               |
| Screw Plating Material  | Zinc               |
| Screw Material          | Steel              |
| Thread Size             | 6-32               |
| Screw Head Type         | Combo Phil-Slot    |
| Connector Mounting Type | Board Mount        |

Housing Features

|                    |                  |
|--------------------|------------------|
| Housing Material   | Polyamide        |
| Centerline (Pitch) | 9.53 mm[.375 in] |

Dimensions

|                |                    |
|----------------|--------------------|
| Product Length | 68.17 mm[2.684 in] |
| Wire Size      | 22 – 12 AWG        |

Usage Conditions

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

Operation/Application

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

Industry Standards

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

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 160     |

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 | 有害物质含量符合标准要求 No Restricted |



|                                        | Substance(s) Above Threshold                                                                                                    |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                        | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                                |
| Solder Process Capability              | Wave solder capable to 265°C                                                                                                    |

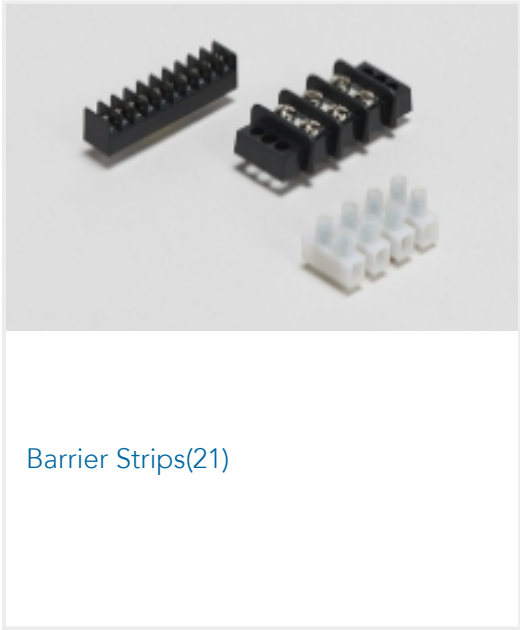
Product Compliance Disclaimer

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



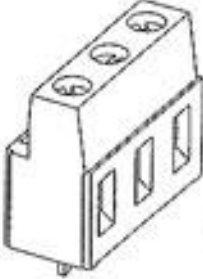
Also in the Series | BUCHANAN NC6



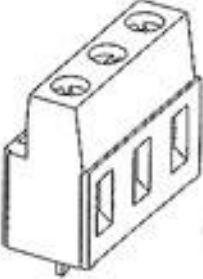
Customers Also Bought



TE Part #DTM04-6P  
REC, 6P, GRY, N



TE Part #282845-2  
TERM-BLOK,PCB MNT,90DG,2P,7.62



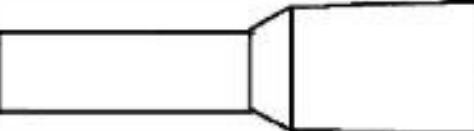
TE Part #282845-3  
TERM-BLOK,PCB MNT,90DG,3P,7.62



TE Part #535541-4  
06 MODIV VRT SR CE 100/115



TE Part #638112-1  
PIN, SF, SIZE 16, 14-18 AWG,NO INS, AU/SN



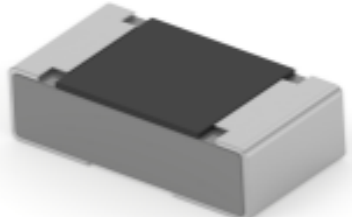
TE Part #1-966067-2  
FER,WIRE,PL SLV,1.50/16,L8,BLACK,LP



TE Part #4-1617339-6  
RP20899G2=ACCESSORY MOUNTING P



TE Part #2-2176326-0  
CRGP 0603 390R 1%



TE Part #8-2176479-4  
RA73F 1J 374R 0.1% 5K RL

Documents

Product Drawings

NC6-P107-07=NC6 ASSEMBLY

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1-1437664-0\_O1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-1437664-0\_O1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_1-1437664-0\_O1.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-1437664-0\_E.3d\_igs.zip

English



Customer View Model

[ENG\\_CVM\\_CVM\\_1-1437664-0\\_E.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1437664-0\\_E.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

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