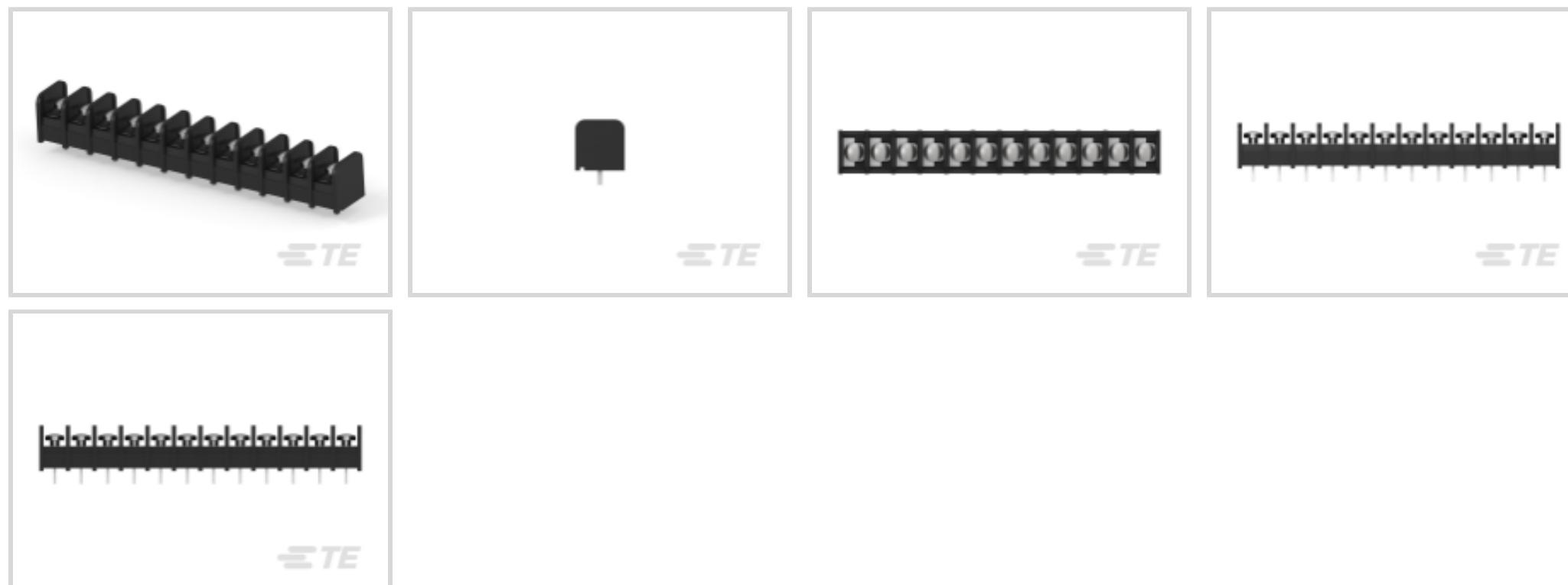


Connectors &gt; Terminal Blocks &amp; Strips &gt; Barrier Strips



Number of Positions: 12

Barrier Strip Style: Dual Barrier

Bottom Termination Type: Printed Circuit Pin

Connector System: Wire-to-Board

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	12
Number of Rows	1

### Electrical Characteristics

Operating Voltage	300 V
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### 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
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### 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	115.8 mm [4.559 in]
Wire Size	22 – 12 AWG

### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Power
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### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Method	Package
Packaging Quantity	80

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

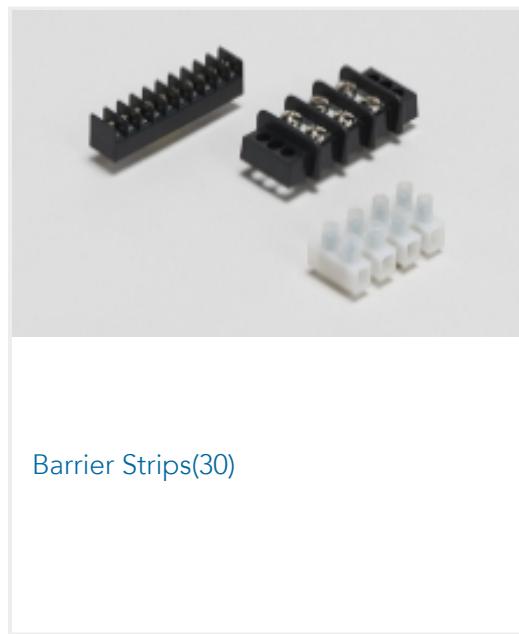
## Product Compliance Disclaimer

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

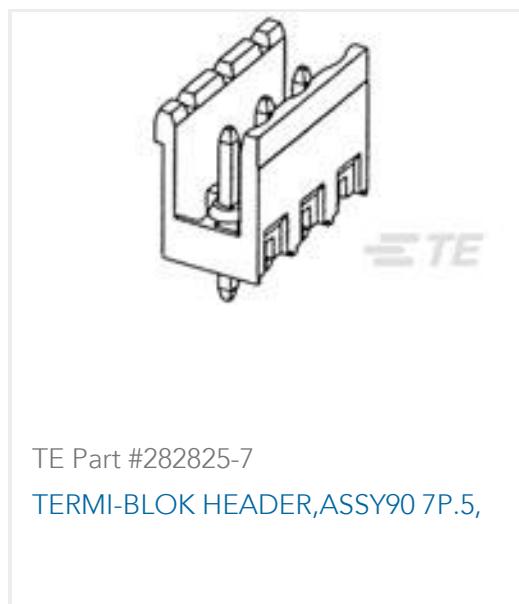


## Also in the Series | BUCHANAN NC6



Barrier Strips(30)

## Customers Also Bought

TE Part #282825-7  
TERMI-BLOK HEADER, ASSY90 7P.5.TE Part #1437664-4  
NC6-P107-02=NC6 ASSEMBLYTE Part #3-1437664-1  
NC6-P108-03=NC6 ASSEMBLYTE Part #3-1437664-5  
NC6-P108-05=NC6 ASSEMBLYTE Part #2-1437667-9  
4DB-P108-06=4DB ASSEMBLYTE Part #3-1437667-3  
4DB-P108-10=4DB ASSEMBLYTE Part #CAT-C339-SQ1  
Wirewound Resistor: Vertical MountTE Part #2176416-1  
9W STD M/OX 5% 51RTE Part #2-2825261-0  
20P VAL-U-LOK HCS VRT HDR W/P V0

## Documents

### Product Drawings

[NC6-P107-12=NC6 ASSEMBLY](#)

English

### CAD Files

[3D PDF](#)

English

### Customer View Model

[ENG\\_CVM\\_1-1437664-7\\_O1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-1437664-7\\_O1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1-1437664-7\\_O1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1437664-7\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1437664-7\\_E.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1437664-7\\_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