

NC6-P107-10 ✓ ACTIVE

Buchanan | Buchanan NC6

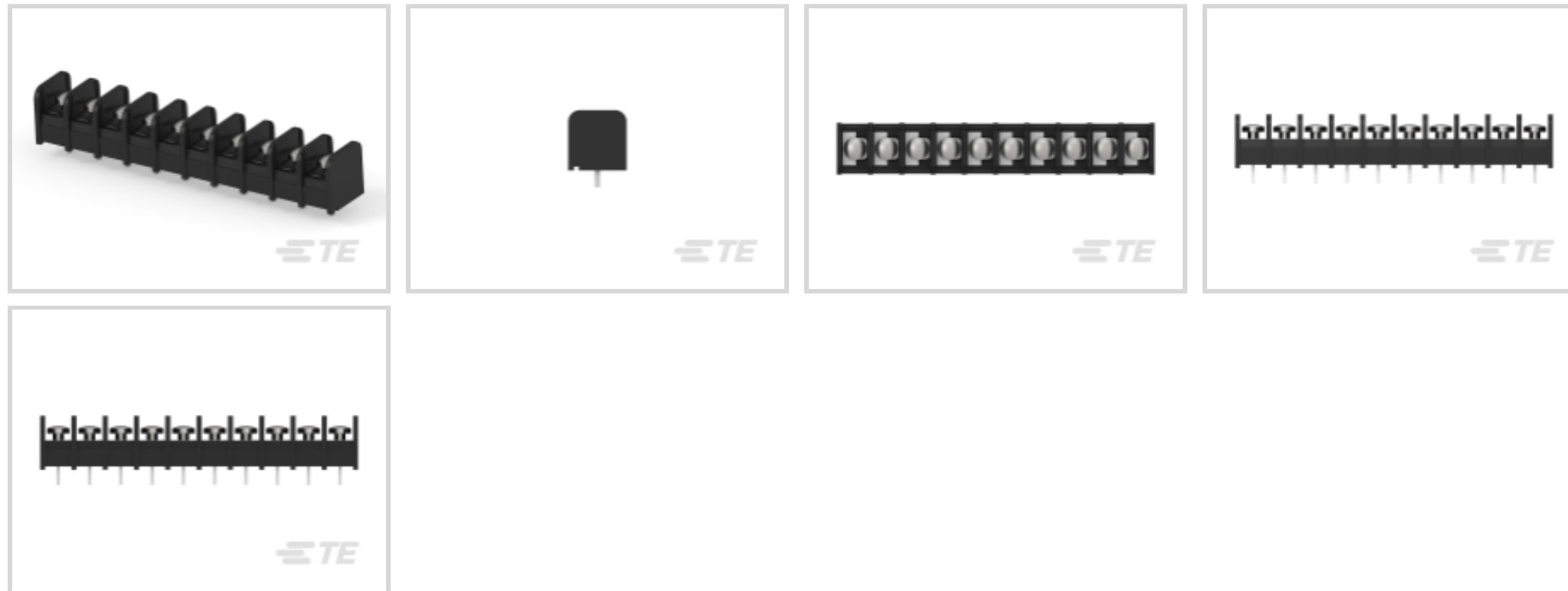
TE Internal #: 1-1437664-4

Dual Barrier, Printed Circuit Pin, Wire-to-Board, 10 Position, 9.53 mm [.375 in] Centerline, 1 Row, Buchanan NC6, Barrier Strips

[View on TE.com >](#)



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: **10**

Centerline (Pitch): **9.53 mm [.375 in]**

Features

Body Features

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

Termination Features

Bottom Termination Type	Printed Circuit Pin
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Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	1
Number of Levels	1



Housing Features

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

Electrical Characteristics

Operating Voltage	300 V
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Dimensions

Wire Size	.3 – 3 mm ²
Product Length	96.75 mm [3.809 in]

Contact Features

Contact Current Rating (Max)	20 A
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin

Mechanical Attachment

Connector Mounting Type	Board Mount
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

Usage Conditions

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

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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
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Packaging Quantity 120

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) Candidate List Declared Against: JAN 2023 (233) 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

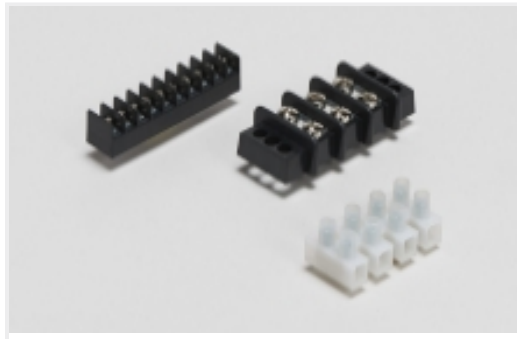
Product Compliance Disclaimer

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)

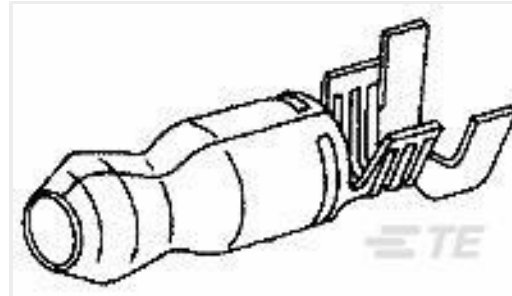
Customers Also Bought



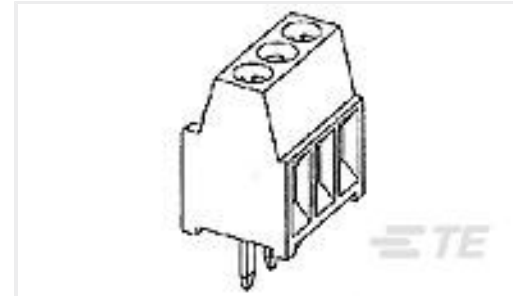
TE Part #3-1437664-0
NC6-P108-02=NC6 ASSEMBLY



TE Part #5787745-2
USB A R/A STAK ASSY THRU HOLE



TE Part #60660-1
SHUR PLUG 180 18-14 AWG TPBR



TE Part #282834-4
TERMI-BLOK PCB MOUNT, 90 4P.



TE Part #1437664-4
NC6-P107-02=NC6 ASSEMBLY



TE Part #1SNK505063R0000
ZS4-PR



TE Part #HPP845E031R5
I.C 21D RH/T B5000



TE Part #1SNK505060R0000
ZS4-YL



TE Part #1SNK505320R0000
ZS4-S-BL



TE Part #1SNK508430R0000
ZS4-SF1-OR

Documents

Product Drawings

[NC6-P107-10=NC6 ASSEMBLY](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_1-1437664-4_O1.3d_igs.zip](#)



English

Customer View Model

[ENG_CVM_1-1437664-4_O1.3d_stp.zip](#)

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Customer View Model

[ENG_CVM_1-1437664-4_O1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1437664-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1437664-4_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1437664-4_E.2d_dxf.zip](#)

English

[3D PDF](#)

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Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - BARRIER STRIPS](#)

English

[1-1773458-2_BARRIER_STRIPS_QUICK_REFERENCE_GUIDE](#)

English