

NC6-P107-12

✓ ACTIVE

Buchanan | Buchanan NC6

TE Internal #: 1-1437664-7

Barrier Strips, Dual Barrier, Printed Circuit Pin, Wire-to-Board, 12

Position, 9.53 mm [.375 in] Centerline, 1 Row, Buchanan NC6

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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: **12**
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

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

Termination Features

Bottom Termination Type	Printed Circuit Pin
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Mechanical Attachment

Screw Head Type	Combo Phil-Slot
Screw Plating Material	Zinc
Screw Material	Steel
Top Termination Type	Binding Combo Head
Mounting Options	None
Thread Size	6-32
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	.3 – 3 mm ²

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 Quantity	80
Packaging Method	Package

Other

Terminal Blocks & Strips Comment	Other options available upon request, consult our Product Information Center.
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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 2023 (235) 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(41)

Customers Also Bought



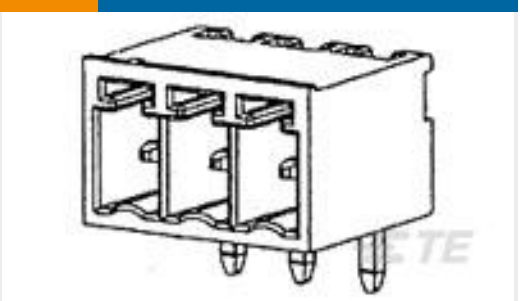
TE Part #3-644456-2
02P MTA100 HDR ASSY (NARROW)



TE Part #6-1625971-7
HSA25 820R 5%



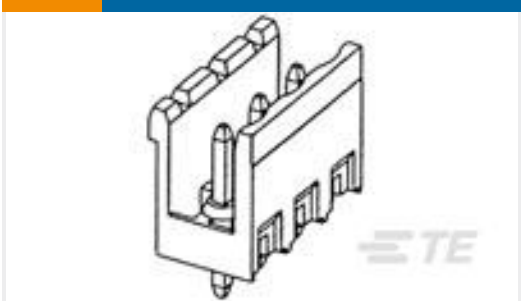
TE Part #3-640602-8
08P MTA156 CONN ASSY 24AWG LF



TE Part #284512-4
4 POS TERMI-BLOK HDR 900 POLAR



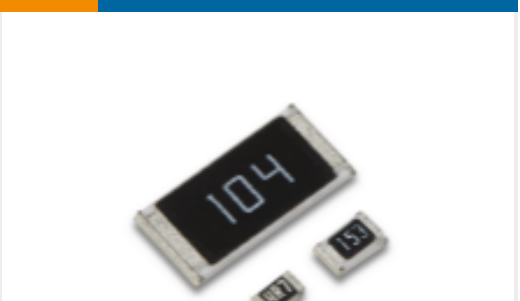
TE Part #284514-5
5 POS TERMI-BLOK HDR DIR. POL.



TE Part #282825-7
TERMI-BLOK HEADER,ASSY90 7P.5,



TE Part #8-34161-1
TERMINAL,PG R 16-14 10



TE Part #1-2176337-9
CRGCQ 0402 330R 1%



TE Part #1-66105-9
III+ SKT,24-20,TIN,LP



TE Part #8-338069-6
MICRO-MATCH SMD FTE

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