



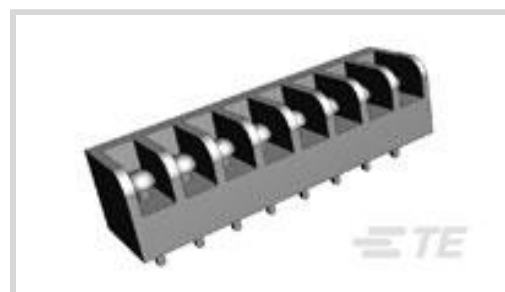
Buchanan | Buchanan 3 Series

TE Internal #: 5-1437646-7

Barrier Strips, Tri-Barrier, Printed Circuit Pin, Wire-to-Board, 8 Position, 6.35 mm [.25 in] Centerline, 1 Row, Buchanan 3 Series

[View on TE.com >](#)

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: **8**

Centerline (Pitch): **6.35 mm [.25 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	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 V
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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	Copper Alloy
Contact Current Rating (Max)	10 A

Termination Features

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Bottom Termination Type	Printed Circuit Pin
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Mechanical Attachment

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

Housing Material	Thermoplastic
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Centerline (Pitch)	6.35 mm [.25 in]
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Dimensions

Product Length	52.07 mm [2.05 in]
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Wire Size	.05 – 1.3 mm ²
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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	150
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Packaging Method	Package
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Other

Terminal Blocks & Strips Comment	Do not order screw and captive clamp in combination with other top hardware., 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](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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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: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

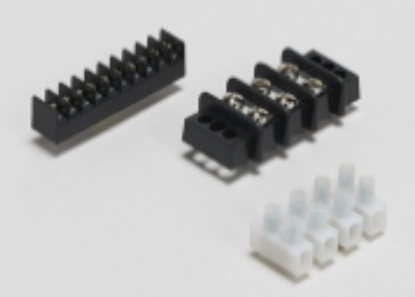


TE Part # 5-1437646-4
3PCV-07-006=3PCV ASSY



TE Part # 1546011-3
3PCV-08-008=3PCV-ASSY

Also in the Series | Buchanan 3 Series



Barrier Strips(60)

Customers Also Bought



TE Part #1-178313-5
DYNAMIC D3100 HDR V 3P ASSY



TE Part #794781-1
10P MINI UMNL PLUG HSG



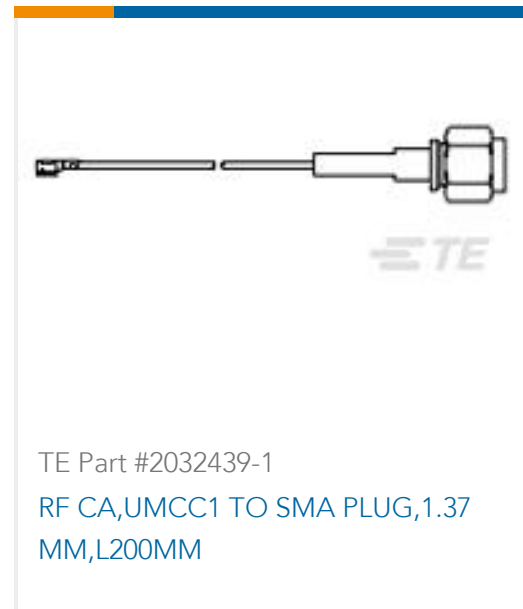
TE Part #52949
PG SPR SPD 22-16COMM 22-18MIL6



TE Part #5520426-4
MJ,R/A,8P



TE Part #770023-1
15P UMNLII IN-LNE PLUG HSG KIT



TE Part #2032439-1
RF CA,UMCC1 TO SMA PLUG,1.37 MM,L200MM



TE Part #321288
TERMINAL,SOLIS R SLTD 22-16 4



TE Part #963728-1
MQS PIN CONTACT SWS



TE Part #41619
250 FASTON TAB BR



TE Part #1-480349-0
01P CMNL PLUG HSG F/H NATL

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_5-1437646-7_H.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1437646-7_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1437646-7_H.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1-1773458-2_BARRIER_STRIPS_QUICK_REFERENCE_GUIDE](#)

English