

4DB-P107-12

✓ ACTIVE

Buchanan | BUCHANAN 4DB Series

TE Internal #: 1-1437667-9

12 Position Barrier Strip, Dual Barrier, Printed Circuit Pin Bottom

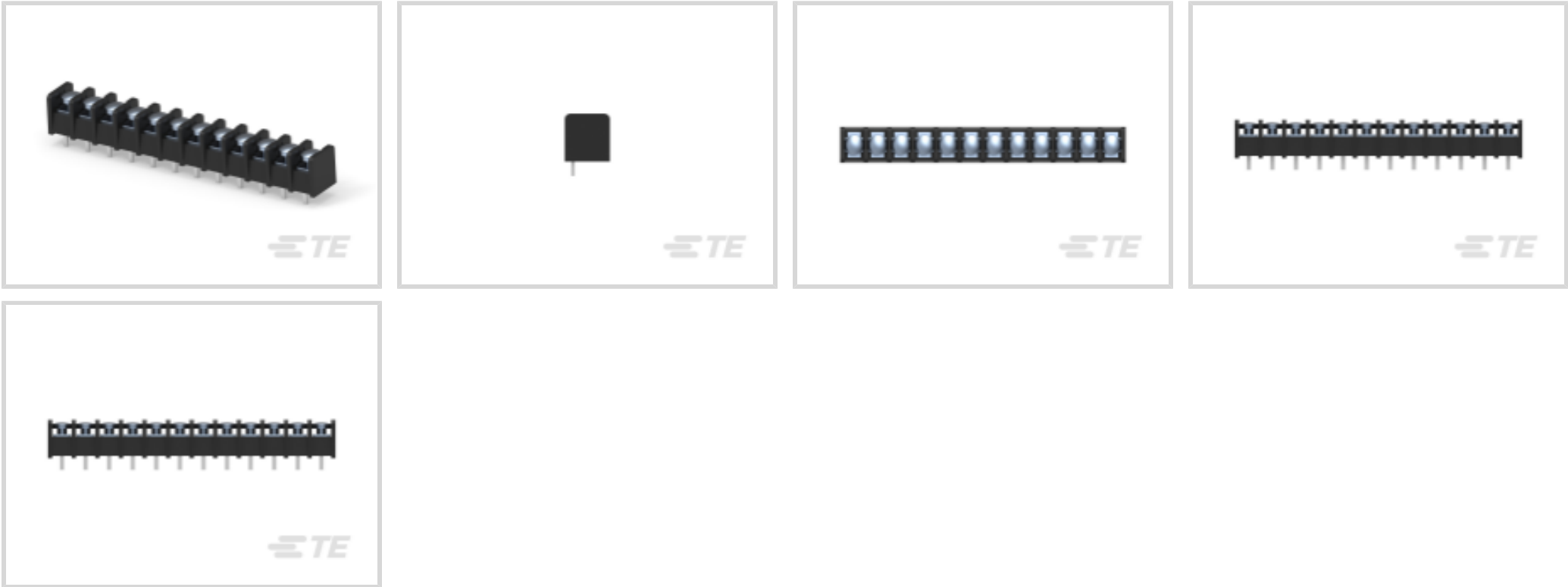
Termination, Wire-to-Board, 8.26 mm [.325 in] Centerline,

BUCHANAN 4DB Series

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Connectors > Terminal Blocks & Strips > Barrier Strips



Number of Positions: 12

Barrier Strip Style: Dual Barrier

Bottom Termination Type: Printed Circuit Pin

Connector System: Wire-to-Board

Centerline (Pitch): 8.26 mm [.325 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	150 V, 300 V
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Body Features

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)	10 A, 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 Chromate
Screw Material	Steel
Thread Size	6-32
Screw Head Type	Combo Phil-Slot
Connector Mounting Type	Board Mount

Housing Features

Housing Material	Nylon
Centerline (Pitch)	8.26 mm [.325 in]

Dimensions

Product Length	100.71 mm [3.965 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	16

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

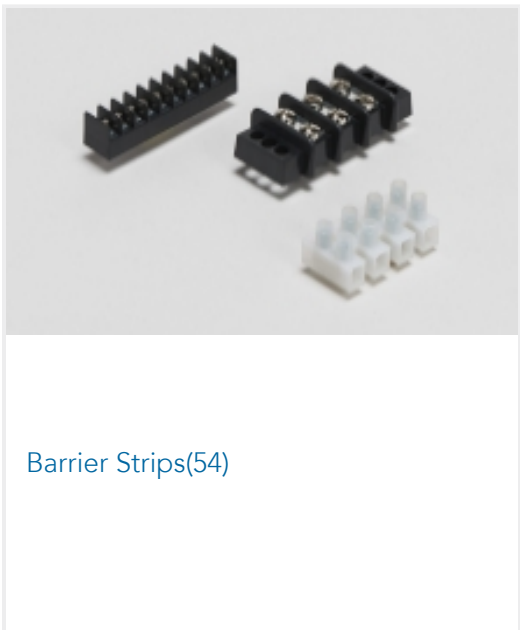


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2023 (233) Does not 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>

Also in the Series | [BUCHANAN 4DB Series](#)



[Barrier Strips\(54\)](#)

Customers Also Bought

4DB-P107-12

12 Position Barrier Strip, Dual Barrier, Printed Circuit Pin Bottom Termination, Wire-to-Board, 8.26 mm [.325 in] Centerline, BUCHANAN 4DB Series



TE Part #1-1546462-2
4DB-R108-12=4DB ASSEMBLY



TE Part #5-146278-2
02 MODII HDR SRST B/A .100CL



TE Part #1437667-6
4DB-P107-02=4DB ASSEMBLY



TE Part #640445-7
07P MTA156 HDR ASSY FL/STR SN



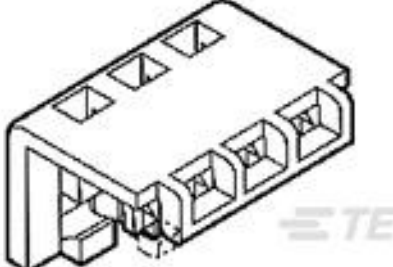
TE Part #5-2176349-0
CRGCQ 2512 120K 1%



TE Part #87227-3
06 MODII HDR DRST UNSHRD .100



TE Part #7-1437667-1
4DB-R108-02=4DB ASSEMBLY



TE Part #643067-6
06P MTA156 MOLDED COVER



TE Part #34243
PG BUTT SPLC 22-16COMM22-18MIL



TE Part #3-640426-7
07P MTA156 CONN ASSY 18AWG ORA

Documents

Product Drawings

4DB-P107-12=4DB ASSEMBLY

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-1437667-9_D.3d_igs.zip

English

Customer View Model

ENG_CVM_1-1437667-9_D.3d_stp.zip

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Customer View Model

ENG_CVM_1-1437667-9_D.2d_dxf.zip

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Customer View Model

ENG_CVM_CVM_1-1437667-9_J.3d_igs.zip

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Customer View Model

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Customer View Model

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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