

3-1546159-7 ✓ ACTIVE

Buchanan

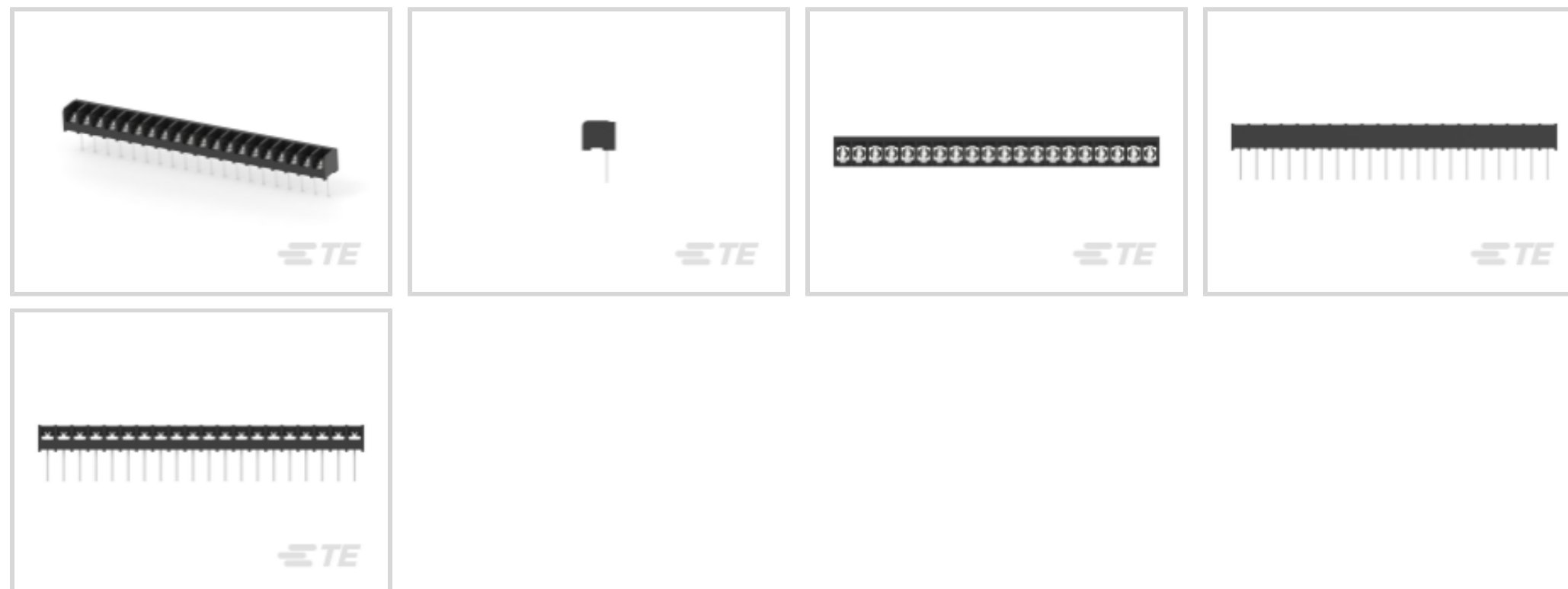
TE Internal #: 3-1546159-7

Barrier Strips, Tri-Barrier, Solderless Wire Wrap, Wire-to-Board, 20  
Position, 9.53 mm [.375 in] Centerline, 1 Row, Operating Voltage  
300 V

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Tri-Barrier**

Bottom Termination Type: **Solderless Wire Wrap**

Connector System: **Wire-to-Board**

Number of Positions: **20**

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	Wire & Cable

### Configuration Features

Number of Levels	1
Number of Positions	20
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)	25 A

### Termination Features

Bottom Termination Type	Solderless Wire Wrap
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### Mechanical Attachment

Screw Plating Material	Zinc Chromate
Screw Material	Steel
Mounting Options	None
Thread Size	6-32
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

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

### Dimensions

Product Length	192.05 mm[7.561 in]
Wire Size	.3 – 3 mm <sup>2</sup>

### 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	35
Packaging Method	Package

### 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  
Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability  
Wave solder capable to 265°C

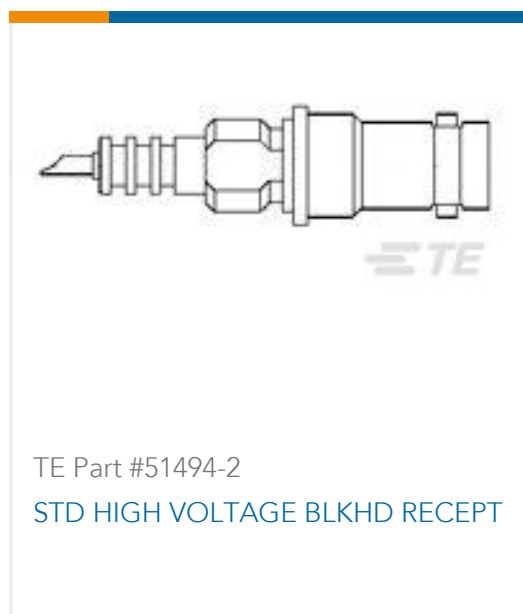
Product Compliance Disclaimer

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



### Customers Also Bought





TE Part #1-1393143-1  
27E128=SOCKET,R10,10,PC,PHEN



TE Part #1393766-9  
R10-E1X2-V700=R10



TE Part #104128-9  
050 LOPRO HDR SP 30DP LATCH



TE Part #650919-5  
120 EURO TYPE R PIN ST ASSY



TE Part #3-1393159-5  
20C249=SPRING,HOLD-DOWN,R10,0

## Documents

### Product Drawings

[6WWV-20-1019=W/PP](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1546159-7\\_L.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1546159-7\\_L.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1546159-7\\_L.3d\\_stp.zip](#)

English

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

### Agency Approvals

[UL](#)

English

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