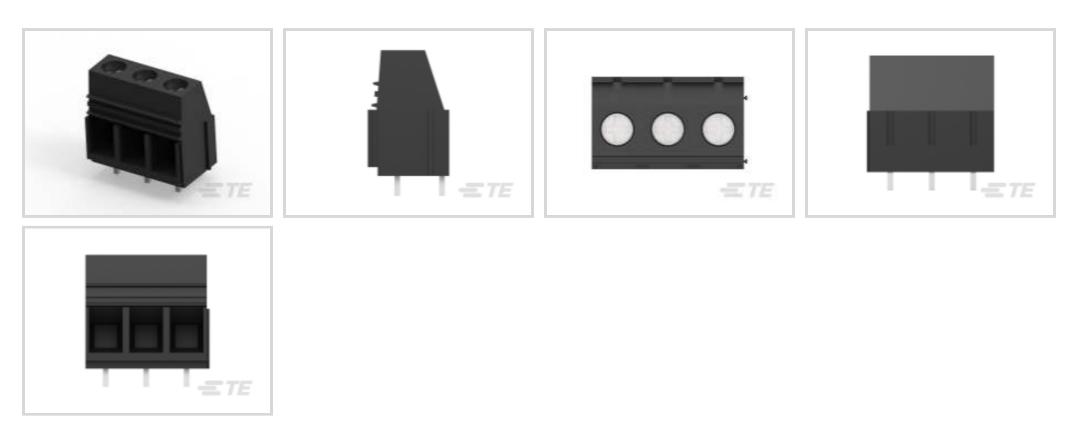
1-1986660-3 - ACTIVE

Buchanan

TE Internal #: 1-1986660-3 PCB Terminal Blocks, Header, Wire-to-Board, 3 Position, .4 in [10.16 mm] Centerline, 1 Row, 90° Wire Entry Angle, 26 – 6 AWG Wire Size View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: Header

Connector System: Wire-to-Board

Number of Positions: 3

Centerline (Pitch): 10.16 mm [.4 in]

Number of Rows: 1

Features

Product Type Features



Wire Protection	With
Header Type	Fully Shrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Stacked Levels	Without
Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	3
Number of Rows	1
Wire Entry Angle	90°
Electrical Characteristics	
Operating Voltage	300 VAC

1-1986660-3

PCB Terminal Blocks, Header, Wire-to-Board, 3 Position, .4 in [10.16 mm] Centerline, 1 Row, 90° Wire Entry Angle, 26 – 6 AWG Wire Size



Body Features

Product Orientation Vertical Contact Heatures Im Contact Mating Area Plating Material Brass Contact Current Rating (Max) 65 A Termination Features Im Termination Post & Tail Length A Smril 177 in] Termination Post & Tail Length 4.5 mm/l 177 in] Termination Method to Printed Circuit Board Marcule Plate Screw Plating Material Surel Screw Material Surel Screw Material Board Mount Connector Mounting Type Board Mount Housing Material NA64 Connector Mounting Type Surel Housing Material NA64 Connector Mounting Type Material Prove Size Surel Vertical Conditions Surel Vertical Size No Prove Size No Connector Mounting Type Packaging Conditions Vertical Size No Operating Temperature Range No Operating Temperature Range Power & Signal Operating Temperat	Primary Product Color	Green
Contact Peatures Contact Mating Area Plating Material In Contact Queen Material Brass Contact Queen Mating (Max) 66 A Termination Features Inough Hole - Solder Termination Post & Lail Length Asm(.1/1 in) Termination Mathod to Printed Circuit Board Mough Hole - Solder Screw Plating Material Sone (Lattachment) Screw Material Machadel (Lattachment) Screw Material Sone (Lattachment) Praced Size Machadel (Lattachment) Screw Material Machadel (Lattachment) Connector Mounting Type Board Mount Housing Material PA 66 Contect Frecher 10.16 mm[4 in] Contection (Pitch) 10.16 mm[4 in] Contection (Pitch) Adot (Lattachment) Vier Size 02 - 6 AWG Contection (Pitch) Adot (Lattachment) Vier Size 02 - 6 AWG Contection (Pitch) Adot (Lattachment) Operation Componenture Range Adot (Lattachment) Context Signal Features Signal Context Protocotext Protocotext Protocotext Protocotext Protocotext Protocotext Protocotext Protocotext Protocotext Proto		
Contact Mating Area Plating Material Iin Contact Base Material Brass Contact Current Rating (Max) 65 A Termination Features Immunology (Max) Termination Post & Tail Length A.5 mm[.177 in] Termination Method to Printed Circuit Board Through Hole Solder Mechanical Attachment Zinc Screw Plating Material Zinc Screw Material Material Screw Material Material Connector Mounting Type Board Mount Housing Material PA 66 Context Base Conditions Use Size Vire Size 26 - 6 AWG User Size Conditions Contact Application Power & Signal Operating Temperature Range 40 - 105 "C[-40 - 221 "F] Operating Temperature Range Power & Signal Packaging Platures Immunology (Plature) Packaging Platures Immunology (Plature) Packaging Platures Immunology (Plature) Packaging Method So & Carton		Vertical
Contact Rase MaterialBrassContact Current Rating (Max)66 ATermination Features4.5 mm[.177 in]Termination Method to Printed Circuit BoardThrough Hole SolderTermination Method to Printed Circuit BoardSolderMechanical Attachment2incScrew MaterialSolderScrew MaterialSolderScrew MaterialMaterialConnector Mounting TypeBoard MountHousing MaterialPA 66Connector Mounting Type10.16 mm[.4 in]Housing MaterialSolderPrioresions20Wire Size40-105 "Cl. 40 - 221 "FlOperating Temperature Range40-105 "Cl. 40 - 221 "FlOperating Temperature RangeFower & SignalPackaging Quantity175Packaging Quantity175Packaging MethodRox & CartonProduct ComplianceSolder on Elson		-
Contact Current Rating (Max) 65 A Termination Features 4.5 mm (1.17 in) Termination Method to Printed Circuit Board Through Hole - Solder Machanical Attachment Through Hole - Solder Screw Plating Material Jinc Screw Material Steel Thread Size M4 Connector Mounting Type Board Mount Housing Material PA 66 Connector Mounting Type 10.16 mm (4 in) Plousing Material PA 66 Centerline (Pitch) 10.16 mm (4 in) Dimensions Steel Vire Size Querating Temperature Range Querating Temperature Range 40 105 °C (40 221 °F) Operation/Application Power & Signal Packaging Quentity ITS Packaging Quentity ITS Packaging Quentity ITS Packaging Method Box & Carton		
Termination Features 4.5 mm(.177 in) Termination Method to Printed Circuit Board 1hrough Hole - Solder Machanical Attachment Jinc Screw Plating Material Screw Material Screw Material Screw Material Thread Size M4 Connector Mounting Type Board Mount Housing Material PA 66 Connector Mounting Type 10.16 mm[.4 in] Housing Material PA 66 Contex Ires 2.5 conditions Wire Size 2.6 cAWG Operations (Pitch) 1.6 form[.4 in] Direscond 2.6 cAWG Use Size 2.6 cAWG Operations (Pitch) 2.6 cAWG Use Size 2.6 cAWG Operation (Pitch) 4.0 - 10.5 °C[.40 – 221 °F] Vire Size 4.0 - 10.5 °C[.40 – 221 °F] Operation/Application Power & Signel Packaging Guantity 15 Packaging Method Box & Carton Product Compliance Soc Section		
Termination Post & Tail Length 4.5 mm[.177 in] Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Jinc Screw Plating Material Zinc Screw Material Steel Thread Size M4 Connector Mounting Type Board Mount Housing Material PA 66 Centerline (Pitch) 0.16 mm[.4 in] Dimensions Vire Size Vire Size 6 a AWG Operating Temperature Range 40 - 105 °C[-40 - 221 °F] Operating Temperature Range Power & Signal Packaging Guantity Ifs Packaging Quantity Ifs Packaging Method Box & Carton	Contact Current Rating (Max)	65 A
Termination Method to Printed Circuit Board Through Hole - Solder Machanical Attachment Jinc Screw Plating Material Steel Screw Material Steel Screw Material Method to Printed Circuit Board Screw Material Steel Connector Mounting Type Board Mount Housing Features PA 66 Housing Material PA 66 Centerline (Pitch) 10.16 mm[.4 in] Dimensions 26 - 6 AWG Wire Size 6 - 6 AWG Operating Temperature Range - 01- 105 °C[.40 - 221 °F] Operating Temperature Range Power & Signal Operation/Application Power & Signal Packaging Quantity 175 Packaging Method Box & Carton Product Compliance Evertion Signal	Termination Features	
Attachment Jinc Screw Plating Material Jinc Screw Material Steel Thread Size M4 Connector Mounting Type Board Mount Housing Features PA 66 Conterline (Pitch) D16 mm[4 in] Dimensions 26 - 6 AWG Urge Conditions 26 - 6 AWG Operating Temperature Range 40 - 105 °C[-40 - 221 °F] Operating Temperature Range Power & Signal Operating Temperature Range Power & Signal Attachment Power & Signal Packaging Ouantity 175 Packaging Method Box & Carton	Termination Post & Tail Length	4.5 mm[.177 in]
Screw Plating Material7incScrew MaterialSteelThread SizeM4Connector Mounting TypeBoard MountHousing FeaturesPA 66Centerline (Pitch)10.16 mm[.4 in]Dimensions26 - 6 AWGUre Size26 - 6 AWGOperating Temperature Range40 - 105 °C[40 - 221 °F]Operating Temperature RangePower & SignalPackaging Peatures175Packaging MethodBox & CartonProduct ComplianceSo & Carton	Termination Method to Printed Circuit Board	Through Hole - Solder
Screw MaterialSteelScrew MaterialM4Connector Mounting TypeBoard MountHousing FeaturesPA 66Centerline (Pitch)D16 mm[4 in]Dimensions26 - 6 AWGWire Size26 - 6 AWGOperating 1 emperature Range40 - 105 °C[-40 - 221 °F]Operating 1 emperature RangePower & SignalPackaging PeaturesPower & SignalPackaging Quantity175Packaging MethodBox & CartonProduct ComplianceEvery State	Mechanical Attachment	
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Connector Mounting Type Board Mount Housing Features PA 66 I housing Material PA 66 Centerline (Pitch) 0.16 mm[.4 in] Dimensions 26 - 6 AWG Wire Size 26 - 6 AWG Operating Temperature Range -40 - 105 °C[-40 - 221 °F] Operating Temperature Range -40 - 105 °C[-40 - 221 °F] Circuit Application Power & Signal Packaging Quantity Power & Signal Packaging Quantity 175 Packaging Method Box & Carton	Screw Material	Steel
Housing Features Housing Material PA 66 Centerline (Pitch) 10.16 mm[.4 in] Dimensions Vire Size 2 66-6 AWG Usage Conditions Vage Conditions Coperating Temperature Range 40–105 °C[-40–221 °F] Operating Temperature Range 40–105 °C[-40–221 °F] Corcuit Application Power & Signal Packaging Features Packaging Quantity 175 Packaging Method 175 Packaging Method Not Signal	Thread Size	M4
Housing Material PA 66 Centerline (Pitch) 10.16 mm[.4 in] Dimensions 26 - 6 AWG Wire Size 26 - 6 AWG Usage Conditions 40 - 105 °C[.40 - 221 °F] Operating Temperature Range -40 - 105 °C[.40 - 221 °F] Operation/Application Forevare & Signal Packaging Features Power & Signal Packaging Quantity 175 Packaging Method Box & Carton	Connector Mounting Type	Board Mount
Centerline (Pitch) 10.16 mm[.4 in] Dimensions 26 - 6 AWG Wire Size 26 - 6 AWG Usage Conditions -40 - 105 °C[-40 - 221 °F] Operating Temperature Range -40 - 105 °C[-40 - 221 °F] Operation/Application	Housing Features	
Dimensions Wire Size 26–6 AWG Usage Conditions Operating Temperature Range -40–105 °C[-40–221 °F] Operation/Application Operation/Application Circuit Application Packaging Features Packaging Quantity Packaging Method Pockaging Method	Housing Material	PA 66
Wire Size26 – 6 AWGUsage Conditions-40 – 105 °C[-40 – 221 °F]Operating Temperature Range-40 – 105 °C[-40 – 221 °F]Operation/ApplicationPower & SignalCircuit ApplicationPower & SignalPackaging Features	Centerline (Pitch)	10.16 mm[.4 in]
Usage Conditions -40 – 105 °C[-40 – 221 °F] Operation/Application -00 – 105 °C[-40 – 221 °F] Operation/Application Power & Signal Circuit Application Power & Signal Packaging Features -105 °C[-40 – 221 °F] Packaging Quantity Power & Signal Packaging Method 175 Packaging Method Box & Carton	Dimensions	
Operating Temperature Range -40 – 105 °C[-40 – 221 °F] Operation/Application Power & Signal Circuit Application Power & Signal Packaging Features 175 Packaging Method Box & Carton	Wire Size	26 – 6 AWG
Operation/Application Power & Signal Circuit Application Power & Signal Packaging Features 175 Packaging Method Box & Carton Product Compliance For compliance documentation, visit the product page on TE.com>	Usage Conditions	
Circuit Application Power & Signal Packaging Features 175 Packaging Method Box & Carton Product Compliance For compliance documentation, visit the product page on TE.com>	Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Packaging Features 175 Packaging Method Box & Carton Product Compliance For compliance documentation, visit the product page on TE.com>	Operation/Application	
Packaging Quantity 175 Packaging Method Box & Carton Product Compliance For compliance documentation, visit the product page on TE.com>	Circuit Application	Power & Signal
Packaging Method Box & Carton Product Compliance For compliance documentation, visit the product page on TE.com>	Packaging Features	
Product Compliance For compliance documentation, visit the product page on TE.com>	Packaging Quantity	175
For compliance documentation, visit the product page on TE.com>	Packaging Method	Box & Carton
EU RoHS Directive 2011/65/EU Compliant	Product Compliance For compliance documentation, visit the product page on TE.com>	
	EU RoHS Directive 2011/65/EU	Compliant

1-1986660-3

PCB Terminal Blocks, Header, Wire-to-Board, 3 Position, .4 in [10.16 mm] Centerline, 1 Row, 90° Wire Entry Angle, 26 – 6 AWG Wire Size



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 2022 (224) 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 260°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-onreach

Compatible Parts



Customers Also Bought



1-1986660-3

PCB Terminal Blocks, Header, Wire-to-Board, 3 Position, .4 in [10.16 mm] Centerline, 1 Row, 90° Wire Entry Angle, 26 – 6 AWG Wire Size





Documents

Product Drawings

3 Posn Power Connector, Black, 10.16mm

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1986660-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1986660-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1986660-3_A.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 - EUROSTYLE TERMINAL BLOCKS

English