



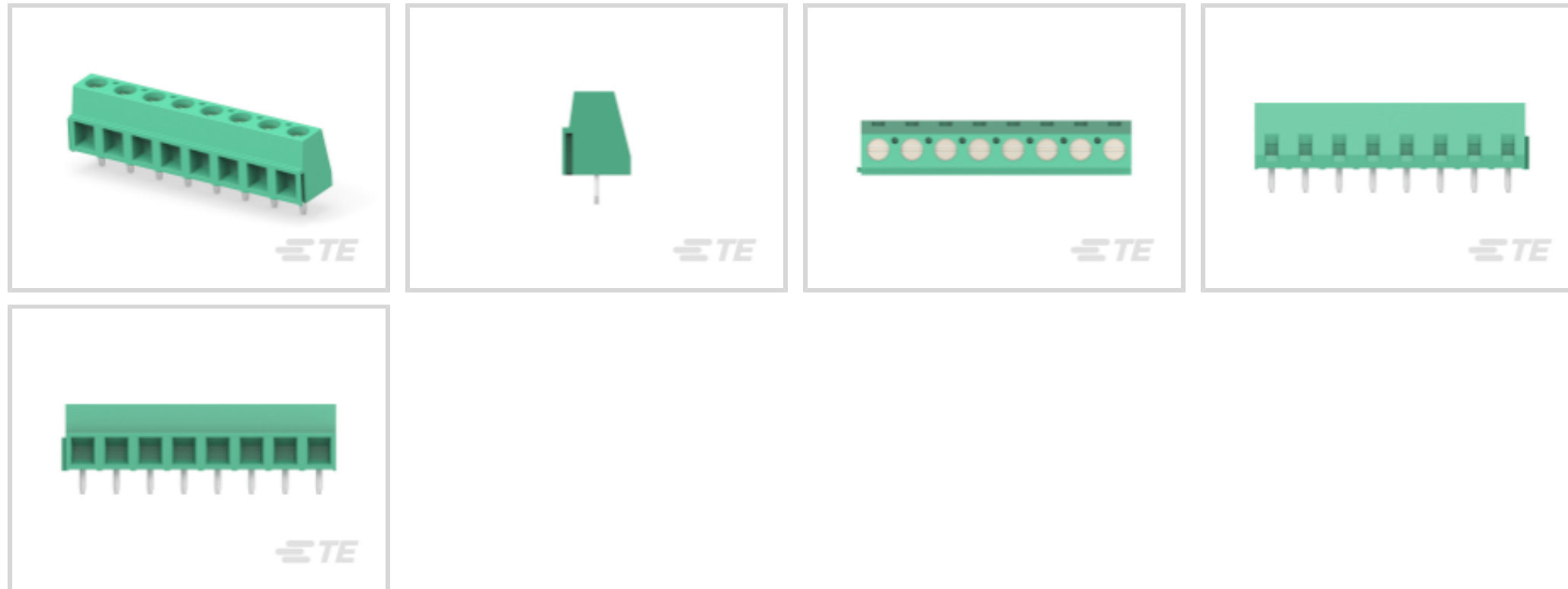
Buchanan

TE Internal #: 282837-8

Header, Wire-to-Board, 8 Position, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 16 AWG Wire Size, PCB Terminal Blocks

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



EU RoHS Compliance: **Compliant with Exemptions**

EU ELV Compliance: **Not Compliant**

Terminal Block Connector Type: **Header**

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

Number of Positions: **8**

Features

Other

EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Not Compliant
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Product Type Features

Wire Protection	With
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Terminal Block Connector Type	Header
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Connector System	Wire-to-Board
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Connector & Contact Terminates To	Printed Circuit Board
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Configuration Features

Wire Entry Location	Side
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Stacking Configuration	Side Stackable
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Stacked Levels	Without
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Number of Positions	8
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Number of Rows	1
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Wire Entry Angle	90°
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Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Green
Product Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	13.5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.5 mm[.138 in]

Mechanical Attachment

Screw Plating Material	Nickel
Thread Size	M3
Screw Material	Brass
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PA 66
Centerline (Pitch)	5.08 mm[.2 in]

Dimensions

Wire Size	30 – 16 AWG
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Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	100
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Product Compliance

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

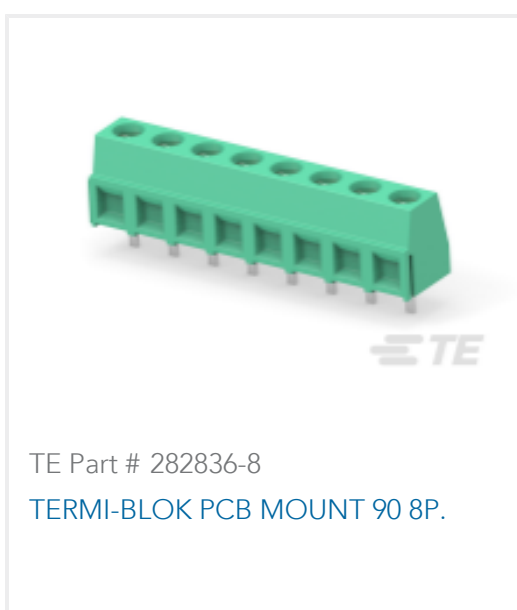


EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Pb (3% in Component Part)</p> <p>Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
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 240°C

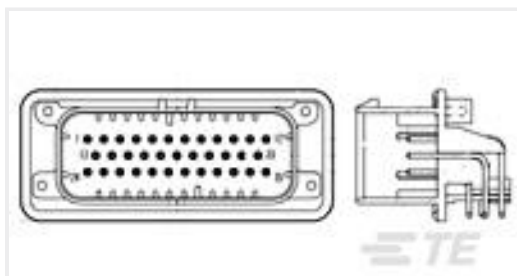
Product Compliance Disclaimer

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



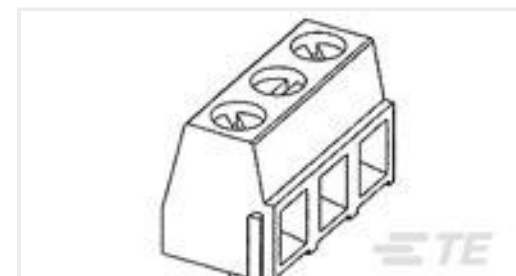
TE Part #776163-2
35POS, PIN DIA 1.3, HDR ASSY, 90DEG,
COD 2



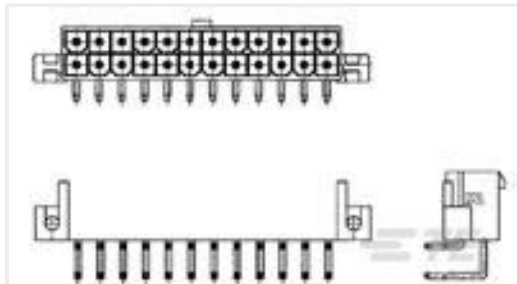
TE Part #5745919-1
CABLE CLAMP KIT, SZ 2



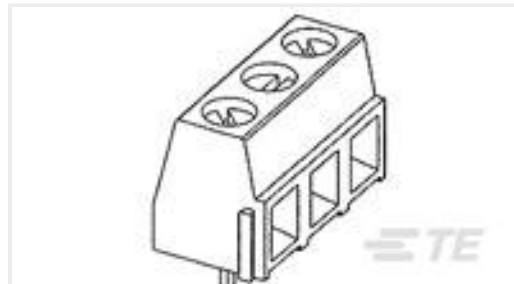
TE Part #9-146281-0
40 MODII HDR SRST B/A .100CL



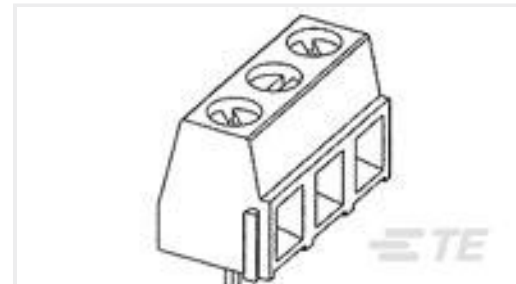
TE Part #282837-6
TERMI-BLOK PCB MOUNT 6P



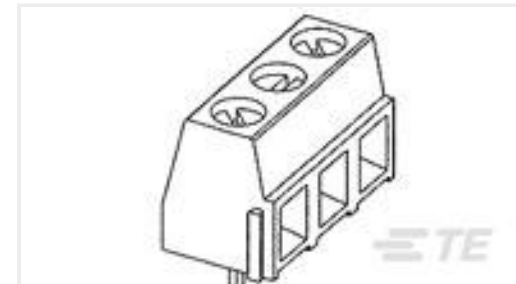
TE Part #1586043-6
6P VAL-U-LOK R/A HDR SCR MT V2



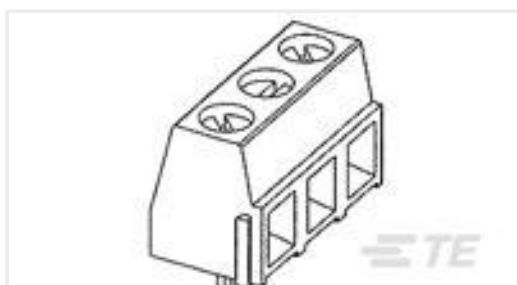
TE Part #1-282837-0
TERMI-BLOK PCB MOUNT 10P



TE Part #282837-4
TERMI-BLOK PCB MOUNT 4P



TE Part #282837-5
TERMI-BLOK PCB MOUNT 5P



TE Part #1-282837-2
TERMI-BLOK PCB MOUNT 12P.5



TE Part #2041119-1
mSATA/mini PCI-E 4H Type I G/F

Documents

Product Drawings

[TERMI-BLOK PCB MOUNT 8P](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_282837-8_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282837-8_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282837-8_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_282837-8_G2.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_282837-8_G2.3d_stp.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_282837-8_G2.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English