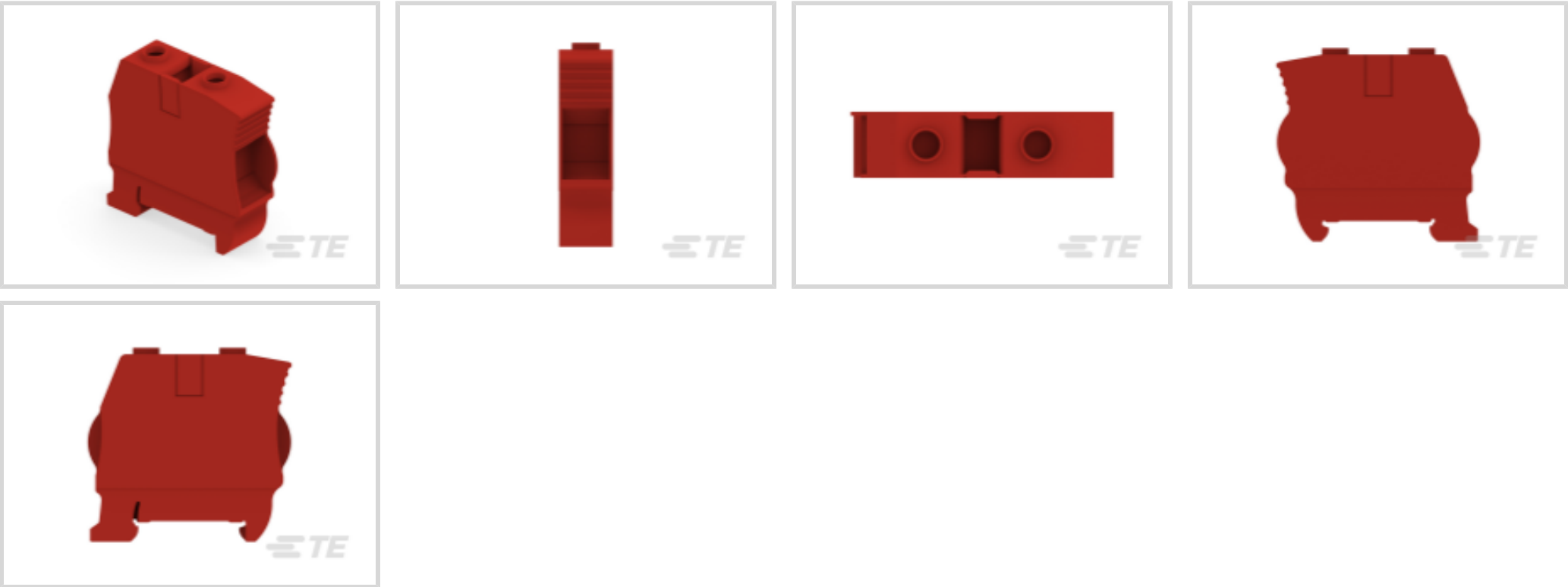




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Modular Terminal Block Product Type: **Screw Clamp Terminal Block**

Block Function: **Feed-Through**

Primary Product Color: **Red**

Product Spacing: **16 mm [.63 in]**

Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Number of Levels	1
Gauge Type	Dia.11
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Power Loss	4.8 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	1000 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	150 A
Current Rating (UL)	140 A
Current Rating (CSA)	140 A



Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	1000 V
Short-Time Withstanding Current Rating @ 1s	6000 A

Body Features

Product Weight	52.9 g[2.083 oz]
Primary Product Color	Red

Mechanical Attachment

DIN Rail Mounting Type	TH35-15, TH35-7.5
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide
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Dimensions

Product Depth	60.2 mm
Tool Size	6.5 mm[.256 in]
Wire Stripping Length	17 mm[.669 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	18 – 4 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	18 – 4 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	1 – 25 mm²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	18 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	1 – 50 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	1 – 50 mm²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	1 – 50 mm²
Product Height	63.6 mm
Product Spacing	16 mm[.63 in]

Usage Conditions

Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]

Industry Standards

UL Flammability Rating	UL 94V-0
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Product Compliance

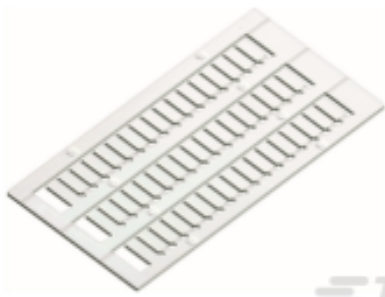
For compliance documentation, visit the product page on TE.com>

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 2025 (247) 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	Not reviewed for solder process capability

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



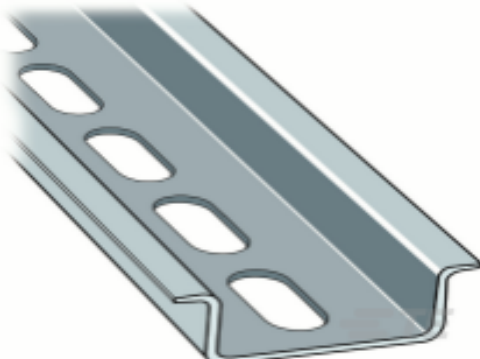
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MC512



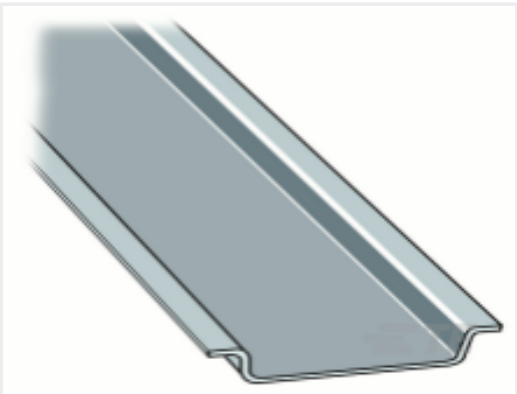
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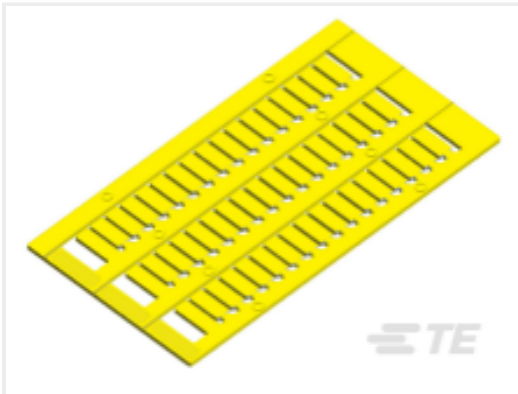
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TE Part # 1SNA178529R0400
PR50



TE Part # 1SNA174300R1700
[PR3.Z2](#)



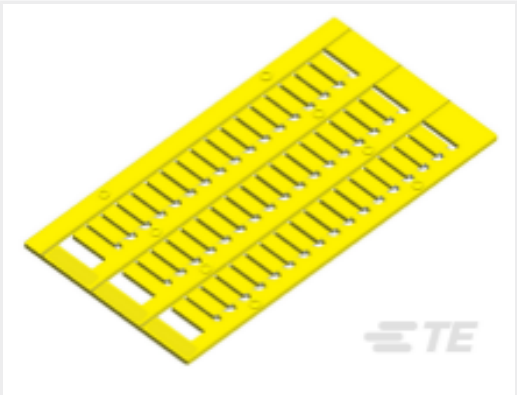
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TE Part # 1SNK916302R0000
[JB16-2](#)



TE Part # 1SNK916304R0000
[JB16-4](#)



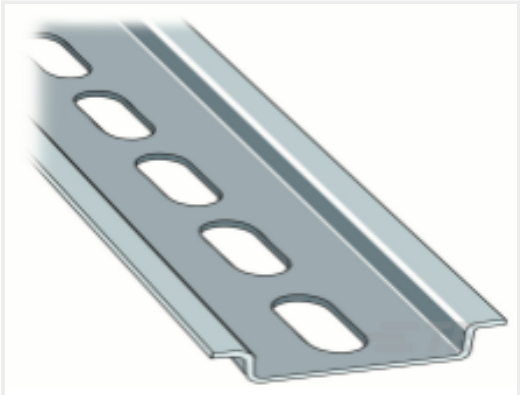
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TE Part # 1SNK916305R0000
[JB16-5](#)



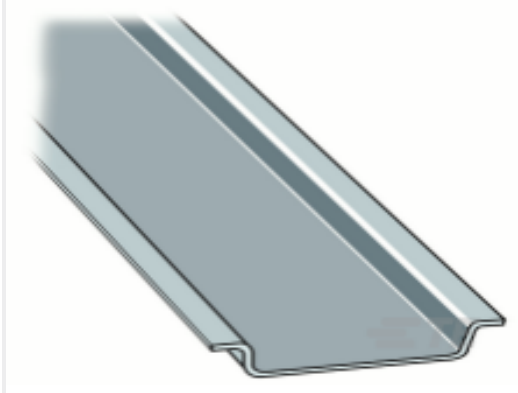
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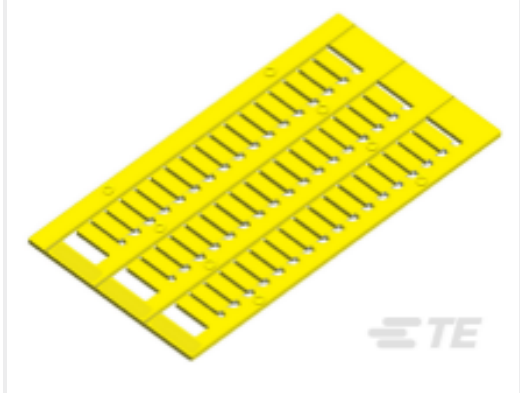
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TE Part # 1SNK900102R0000
[BAZH1](#)



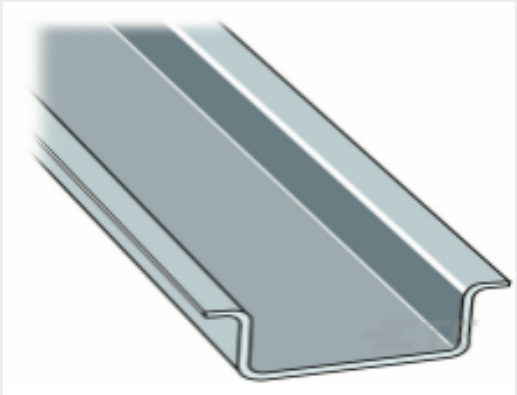
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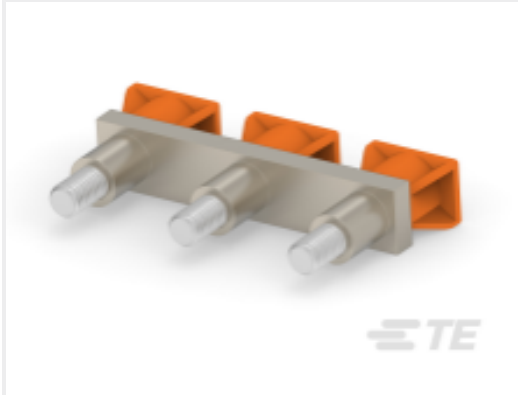
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[MC812-YL](#)



TE Part # 1SNK169999R0000
[MC812PA](#)



TE Part # 1SNA168700R2200
[PR5](#)



TE Part # 1SNK916303R0000
[JB16-3](#)

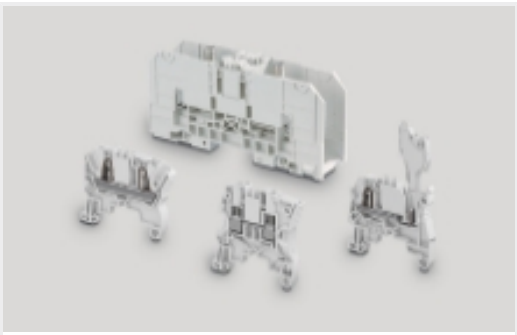


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[MC512PA](#)



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[MC812](#)

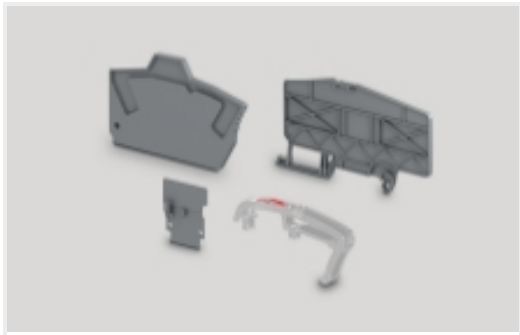
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PCB 2.8 TERMINAL SN



TE Part #1625881-4
1W STD M/OX 2% 27R



TE Part #1SNK510020R0000
ZS16-BL



TE Part #254707-E
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MICRO MNL HDR ASSY S/ROW AU LF



TE Part #1SNK516064R0000
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TE Part #1SNK516151R0000
ZS50-PE



TE Part #5-103904-3
4 MTE HDR SRRA LATCH W/HLDWN



TE Part #7-1879022-3
SMF3 330K 5%

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK516063R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK516063R0000_A.3d_igs.zip

English

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English

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Datasheets & Catalog Pages

ZS50-RD

English

ENTRELEC Terminal Block - Master Catalog

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Screw Clamp Terminal Block, Feed-Through, Red, 16 mm [.63 in] Spacing, 2 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], ENTRELEC SNK



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