



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Rated Cross Section: **2.5 mm²**

Primary Product Color: **Gray**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Gauge Type	A3
Number of Levels	1
Number of Poles	2
Number of Circuits	1
Block Function	Feed-Through

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	25 A
Short-Time Withstanding Current Rating @ 1s	300 A
Voltage Rating (IEC)	1000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V
Dielectric Test Voltage	2000 V



Current Rating (UL)	25 A
Current Rating (IEC)	24 A
Voltage Rating	1000 VAC

Body Features

Product Weight	6.400001 g[.225 oz]
Primary Product Color	Gray

Termination Features

Termination Method to Wire & Cable	Screw Terminal
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Mechanical Attachment

DIN Rail Mounting Type	TH35-15, TH35-7.5
Tightening Torque	4.4 in-lbs
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide 6.6
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Dimensions

Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	.2 – 2.5 mm ²
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.2 – 2.5 mm ²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 14 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 10 AWG
Wire Stripping Length	10 mm[.39 in]
Tool Size	4 mm[.16 in]
Product Depth	34 mm[1.337 in]
Product Width	6 mm
Product Length	34 mm[1.337 in]
Product Height	43.6 mm[1.714 in]
Rated Cross Section	2.5 mm ²
Product Spacing	6 mm[.24 in]
Wire Size	2.5 mm ²

Usage Conditions

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



Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]
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Operation/Application

Circuit Application	Signal
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Industry Standards

IP Rating	IP20
UL Flammability Rating	UL 94V-0

Product Compliance

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

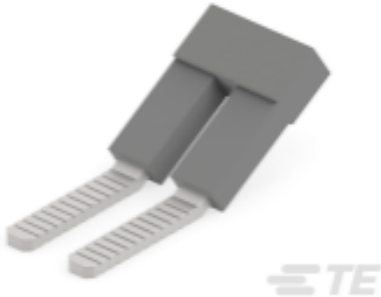
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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	Not reviewed for solder process capability

Product Compliance Disclaimer

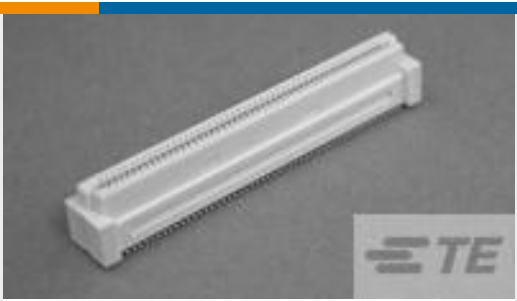
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

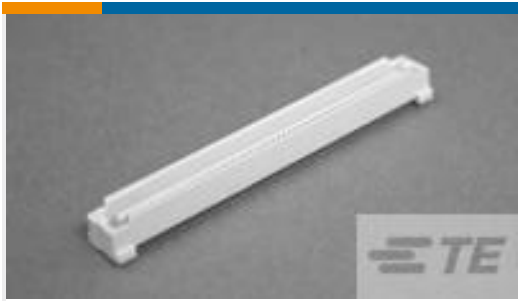


 TE Part # 1SNA113546R1400 PC6-2	 TE Part # 1SNA113548R2600 PC6-10	 TE Part # 1SNA116536R0500 PC6-3	 TE Part # 1SNA116537R0600 PC6-4
 TE Part # 1SNA233000R0100 RC610	 TE Part # 1SNL900100R0000 EP5-6	 TE Part # 1SNL900101R0000 CS5-6	 TE Part # 1SNL906602R0000 BJC16-2
 TE Part # 1SNL906603R0000 BJC16-3	 TE Part # 1SNL906604R0000 BJC16-4	 TE Part # 1SNL906605R0000 BJC16-5	 TE Part # 1SNL906610R0000 BJC16-10
 TE Part # 1SNL906751R0000 LJB6-25E	TE Part # 1SNA399903R0200 BADL	TE Part # 1SNL906302R0000 BJC6-2	TE Part # 1SNL906303R0000 BJC6-3
TE Part # 1SNL906304R0000 BJC6-4	TE Part # 1SNL906305R0000 BJC6-5	TE Part # 1SNL906310R0000 BJC6-10	TE Part # 1SNL900001R0000 BAM9

Customers Also Bought



TE Part #5-5179180-3
0.8FH,R09H.5,080,08/Sn,TR,SC



TE Part #5177986-3
0.8FH,P05H.5,080,08/Sn,TR,SC



TE Part #1SNK706011R0000
ZK4-3P



TE Part #1SNA115116R0700
M4/6



TE Part #1SNA115118R1100
M6/8



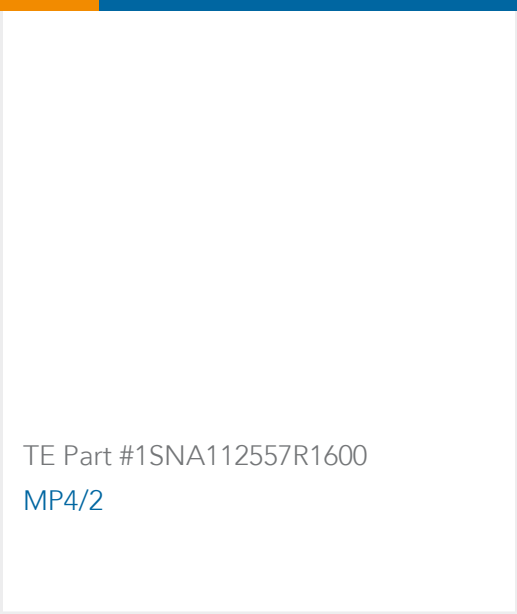
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M4/6.4A.P



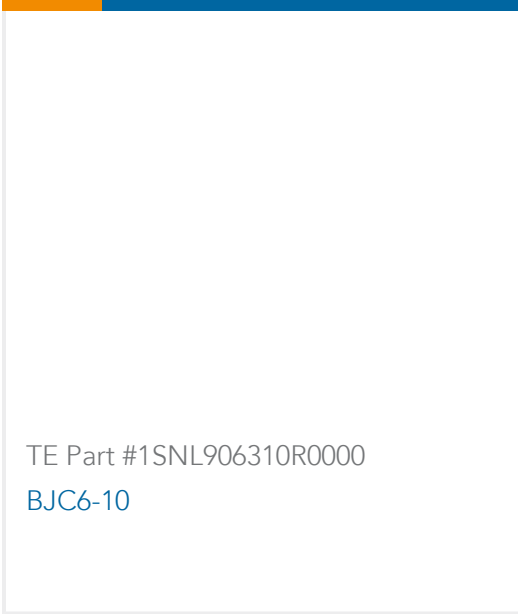
TE Part #1SNL505010R0000
C2.5/5



TE Part #1SNL606011R0000
C2.5/6



TE Part #1SNA112557R1600
MP4/2



TE Part #1SNL906310R0000
BJC6-10

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1SNL506011R0000_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNL506011R0000_E1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1SNL506011R0000_E1.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

SNACOMPACT TERMINAL BLOCKS SCREW CLAMP TECHNOLOGY

English

C2.5/6

English

1SNL506011R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product
Spacing .24 in [6 mm], Screw Terminal, Signal, DIN Rail, 1000 VAC

