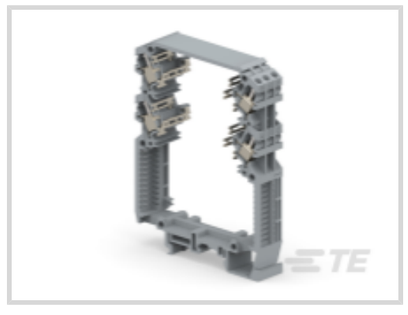
# 1SNA116522R0700 ✔ ACTIVE

TE Internal #: 1SNA116522R0700

Screw Clamp Terminal Block, Component Holder, Gray, 16.5 mm [. 65 in] Spacing, 12 Position, Screw Terminal, Power & Signal, DIN Rail, 250 VAC, 14 AWG

View on TE.com >

Connectors > Terminal Blocks & Strips > Modular Terminal Blocks







Block Function: **Component Holder**

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

Primary Product Color: **Gray**

Product Spacing: **16.5 mm [ .65 in ]**

Number of Positions: **12**

## Features

### Product Type Features

| | |
|---|---|
| Connector & Contact Terminates To | Printed Circuit Board |
| Modular Terminal Block Product Type | Screw Clamp Terminal Block |

### Configuration Features

| | |
|---|---|
| Number of Poles | 12 |
| Block Function | Component Holder |
| Number of Positions | 12 |

### Electrical Characteristics

| | |
|---|---|
| Current Rating (IEC) | 16 A |
| Voltage Rating (IEC) | 250 V |
| Operating Voltage | 250 VAC |

### Body Features

| | |
|---|---|
| Product Weight | 45.09 g[1.59 oz] |
| Primary Product Color | Gray |

### Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Screw Terminal |

## Mechanical Attachment

| | |
|---|---|
| DIN Rail Mounting Type | G32, TH35-15, TH35-7.5 |
| Connector Mounting Type | DIN Rail |

## Housing Features

| | |
|---|---|
| Housing Material | Polyamide |

## Dimensions

| | |
|---|---|
| Product Depth | 102 mm[4.02 in] |
| Tool Size | 3.5 mm[.138 in] |
| Wire Stripping Length | 7.5 mm[.412 in] |
| Main Circuit Capacity - 1 Flexible Conductor per Quick-Connect Clamp | 2.5 mm² |
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp | 24 – 12 AWG |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp | .5 – 2.5 mm² |
| Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp | .5 – 2.5 mm² |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp | 20 – 14 AWG |
| Product Width | 16.5 mm[.65 in] |
| Product Length | 102 mm[4.02 in] |
| Product Height | 75 mm[2.95 in] |
| Product Spacing | 16.5 mm[.65 in] |
| Wire Size | 14 AWG |

## Usage Conditions

| | |
|---|---|
| Installation Temperature Range | -5 – 40 °C[23 – 104 °F] |
| Operating Temperature Range | -40 – 100 °C[-40 – 212 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power & Signal |

## Industry Standards

| | |
|---|---|
| IP Rating | IP20 |
| UL Flammability Rating | UL 94V-0 |

# Product Compliance

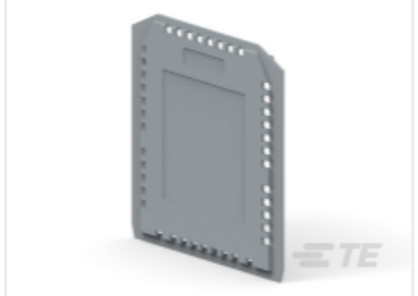
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

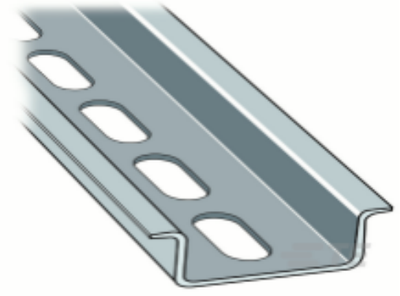
Product Compliance Disclaimer

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

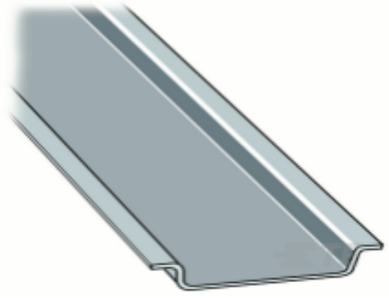
## Compatible Parts



TE Part # 1SNA116520R1100
PF12.G



TE Part # 1SNA178529R0400
PR50



TE Part # 1SNA174300R1700
PR3.Z2



TE Part # 1SNA116519R1400
PF11.G



TE Part # 1SNA163050R0400
PR1.Z2

TE Part # 1SNA150040R0000
TH35-7.5-1METER

TE Part # 1SNA150044R0000
TH35-15-R-1METER

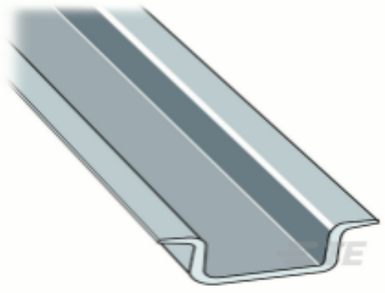


TE Part # 1SNA174445R2400
BLC6

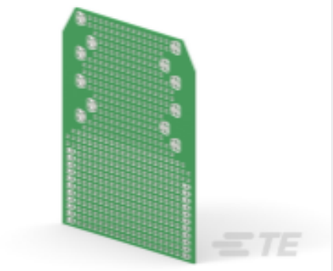
TE Part # 1SNA230030R0700
RC55 1->100 HORIZONTAL



TE Part # 1SNK900001R0000
BAM4

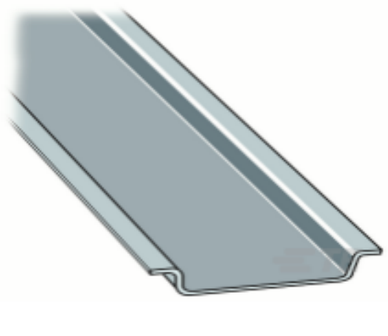


TE Part # 1SNA168500R1200
PR4



TE Part # 1SNA175207R0700
CI 11P1

TE Part # 1SNA150042R0000
TH35-15-1METER



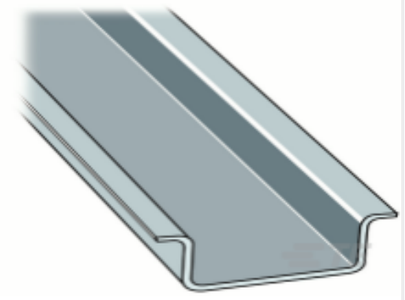
TE Part # 1SNA164800R0300
PR3.G2



TE Part # 1SNK900102R0000
BAZH1



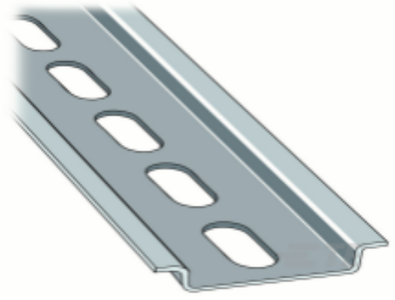
TE Part # 1SNA230000R1200
RC55



TE Part # 1SNA168700R2200
PR5



TE Part # 1SNA116718R2300
PF13.G



TE Part # 1SNA173220R0500
PR30

TE Part # 1SNA150041R0000
TH35-7.5-P6-1METER

## Customers Also Bought



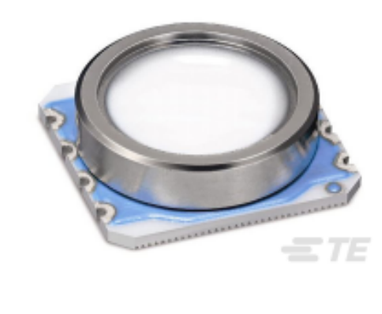
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PF12.G



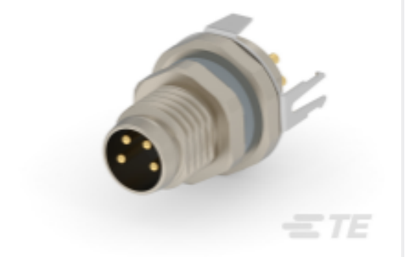
TE Part #1SNA116519R1400
PF11.G



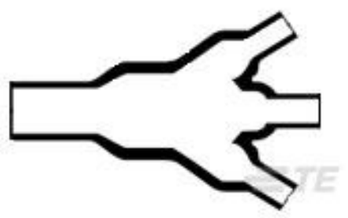
TE Part #816502-SF
RN114-1-02-15M



TE Part #MS580302BA01-00
MS5803-02BA01 DIGIT PRESSURE SENSOR TUBE



TE Part #T4040034041-000
M8.MLE.PNLREAR.4POS.STR PCBSHLD



TE Part #299698-000
462A011-25/225-0



TE Part #CV21364001
RW-175-E-3/8-X-SP



TE Part #4-1437624-6
PKES120B1/4=KNOB PLSTC FLUTED



TE Part #5645169-3
CONN SEC II 49 POS 100C/L

TE Part #1SNS420001Z0263
13300B2264155A00.C (INT.A)

## Documents

### Product Drawings

BFU2.S12.G

French

### CAD Files

Customer View Model

ENG_CVM_CVM_1SNA116522R0700_A2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNA116522R0700_A2.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1SNA116522R0700_A2.3d_igs.zip

English

3D PDF

3D

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

### Datasheets & Catalog Pages

Component Holder Modules

English

BFU2 S 12G

English