

1SNK705151R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SNK705151R0000

Modular Terminal Blocks, Ground, PI-Spring Terminal Block,  
12AWG Rated Cross Section, 2.5mm<sup>2</sup> Rated Cross Section, Green &  
Yellow

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Ground**

Modular Terminal Block Product Type: **PI-Spring Terminal Block**

Rated Cross Section: **2.5 mm<sup>2</sup>**

Primary Product Color: **Green & Yellow**

## Features

### Product Type Features

|                                     |                          |
|-------------------------------------|--------------------------|
| Modular Terminal Block Product Type | PI-Spring Terminal Block |
|-------------------------------------|--------------------------|

### Configuration Features

|                     |                  |
|---------------------|------------------|
| Gauge Type          | A2 / 2.3 mm Dia. |
| Number of Levels    | 1                |
| Number of Circuits  | 1                |
| Block Function      | Ground           |
| Number of Positions | 3                |

### Electrical Characteristics

|   |        |
|---|--------|
| Impulse Withstanding Voltage Rating (IEC)   | 8000 V |
| Dielectric Test Voltage                     | 2200 V |
| Short-Time Withstanding Current Rating @ 1s | 300 A  |

### Body Features

|                       |                 |
|-----------------------|-----------------|
| Product Weight        | 11.9 g[.468 oz] |
| Primary Product Color | Green & Yellow  |

### Mechanical Attachment

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

### Housing Features



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

### Dimensions

|   |                           |
|---|---------------------------|
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp | .2 – 4 mm <sup>2</sup>    |
| Main Circuit Capacity - Twin Ferrule per Spring Clamp               | 26 – 20 AWG               |
| Wire Stripping Length   | 11 mm[.433 in]            |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp    | .22 – 2.5 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp        | 26 – 14 AWG               |
| Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp       | .22 – 2.5 mm <sup>2</sup> |
| Tool Size   | 3.5 mm[.138 in]           |
| Product Depth   | 40.3 mm                   |
| Product Length  | 40.3 mm                   |
| Product Height  | 71.2 mm                   |
| Rated Cross Section   | 2.5 mm <sup>2</sup>       |
| Product Spacing   | 5.2 mm[.205 in]           |

### 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] |

### 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: JAN 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>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

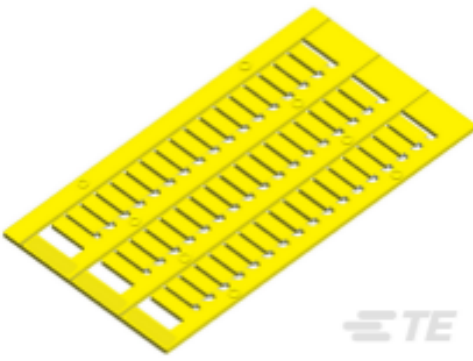
Product Compliance Disclaimer

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 # 1SNK140000R0000  
MC512



TE Part # 1SNK140004R0000  
MC512-YL



TE Part # 1SNK149999R0000  
MC512PA



TE Part # 1SNK705911R0000  
EK2.5-3P



TE Part # 1SNK900001R0000  
BAM4



TE Part # 1SNK900002R0000  
BAZ1



TE Part # 1SNK900102R0000  
BAZH1



TE Part # 1SNK900107R0000  
CS-R3



TE Part # 1SNK900200R0000  
TC5



TE Part # 1SNK900201R0000  
TC5-R1



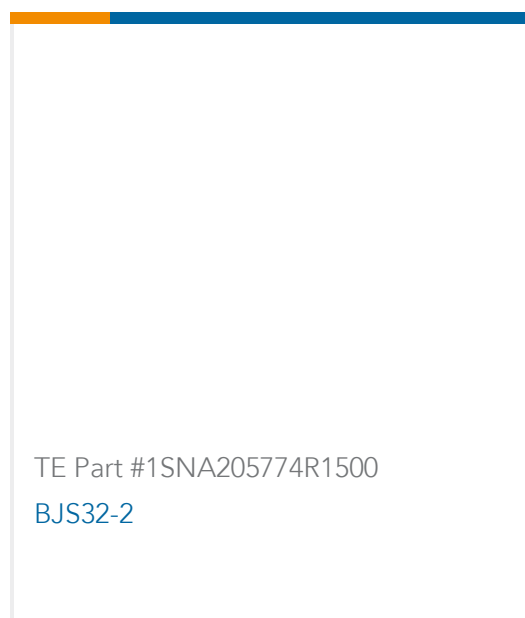
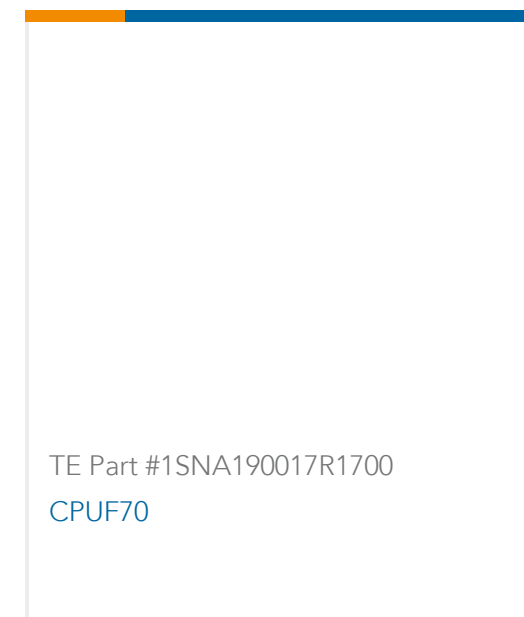
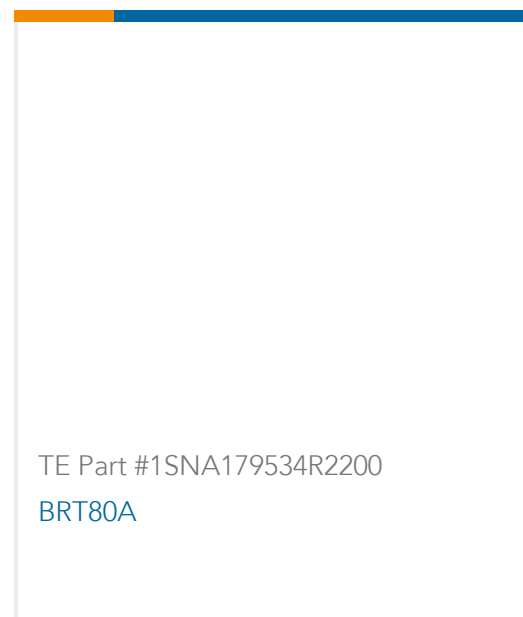
TE Part # 1SNK900205R0000  
TP4



TE Part # 1SNK900603R0000  
JB85-3



### Customers Also Bought



### Documents



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK705151R0000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK705151R0000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK705151R0000\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### ZK2.5-PE-3P

English

#### SNK SERIES TERMINAL BLOCKS

English

#### ENTRELEC Terminal Block - Master Catalog

English

#### ENTRELEC Terminal Blocks Catalogue (RUS)

### Agency Approvals

#### CE Declaration of Conformity

English