

Data Sheet

(Plug) of Pluggable Terminal Block

Pitch: 3,50 mm

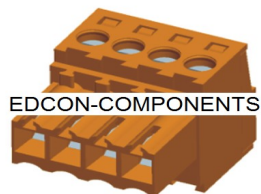
Serie: A14G172

Customer Information for special Item

EDCON Customer : 0

Customer Version No. : 0

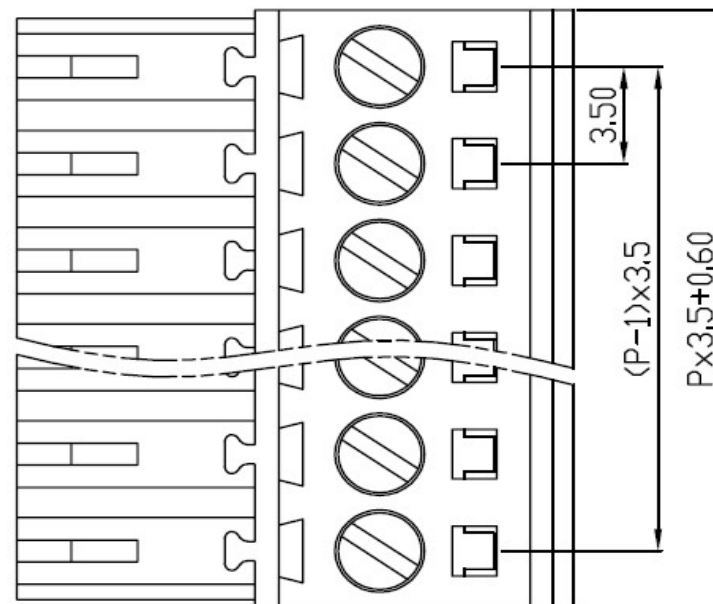
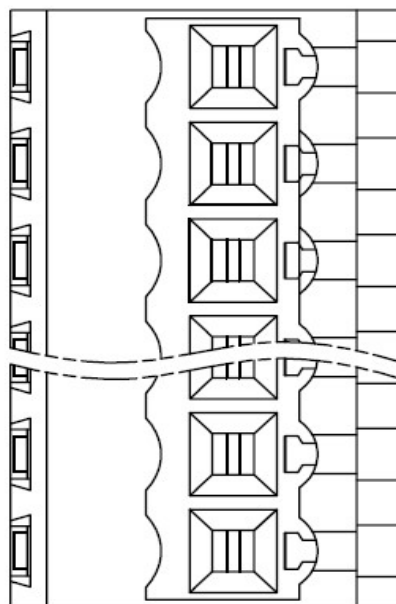
EDCON-COMPONENTS



Technical Description

| Group UL / CUL | B | C | D |
|-----------------------------------|--------------|------------|-----------|
| Rated Voltage: (V) | 300 | | 300 |
| Rated Current: (A) | 10 | | 10 |
| Wire Range: | | | |
| Solid: (AWG) | 28~14 | | |
| Stranged: (AWG) | 28~14 | | |
| Withstanding Voltage: | 1600V/1Min | | |
| Technical Data IEC (VDE) | III | III | II |
| Contamination Class | 3 | 2 | 2 |
| Rated Voltage: (V) | - | 160 | 320 |
| Rated Current: (A) | - | 13 | 13 |
| Withstandin Voltage impulse: (KV) | - | 2,5 | 2,5 |
| Conductor Cross Section | | | |
| Solid: (mm ²) | 1,5 | | |
| Flexible: (mm ²) | 1,5 | | |
| Material: | | | |
| Insulation Material: | PA66 | | |
| Imflamability: | UL94V-0 | | |
| Contact Material: | Copper Alloy | | |
| surface Plating: | Tin plated | | |
| Other Data | | | |
| Pitch: (mm) | 3,5 | | |
| No of Poles: (P) | 1x2 ~1x24 | | |
| Stripping Length: (mm) | 7~8 | | |
| Screw: (Nm) | M2 / 0,2 | | |
| Operating Temperature: (°C) | -40C to +105 | | |
| Pin Dimensions (mm) | | | |
| PCB Hole Diameter:(mm) | | | |

Drawing (Dimension in mm)



(Plug) of Pluggable Terminal Block

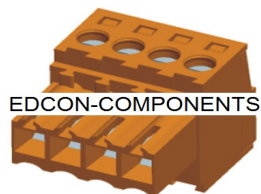
Part No.: **A14G172**

| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 04.12.2022 | Customer: |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 1 from 3 | | |

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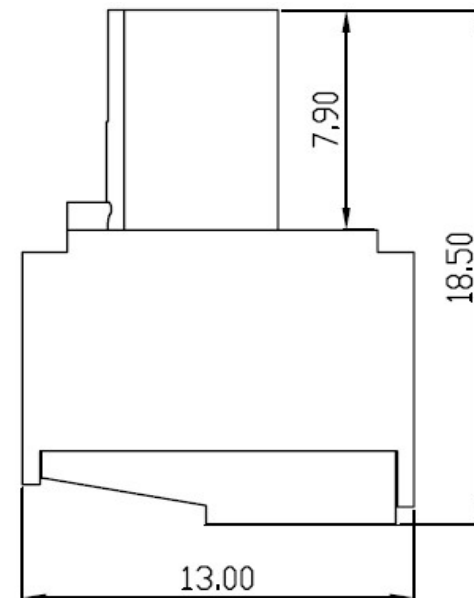
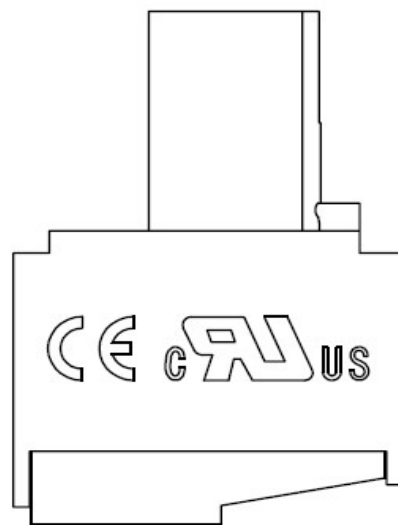


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PCB Layout

Dimensions (mm)



| linear dimension (Tolerances Standard GB/T 14486-2008) | | | | | | | | | | |
|--|-------|--------------|---------------|---------------|----------------|-----------------|----------------|----------------|-----------------|------|
| variable range | to 6 | over 6 to 10 | over 10 to 30 | over 30 to 60 | over 60 to 100 | over 100 to 160 | over 160 to 10 | over 10 to 100 | over 100 to 100 | |
| tolerance | ±0.20 | ±0.30 | ±0.50 | ±0.70 | ±1.00 | ±1.30 | ±1.60 | 0.10 | 0.30 | 0.60 |

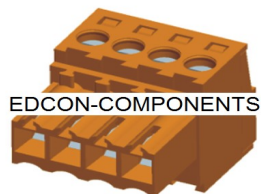
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| DRW: | Jason | CHKD: | Wilson | MATL: | Wilson | TOLERANCE: | Mason | DATE: | 04.12.2022 |
| APPD: | Schumi | | | FINISH: | Jamy | | Sheet No. | | 2 from 3 |

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Ordering Informations

| Serie | No. of Pos. | Body Color | No Function | Approval Code | ROHS | Packing | EDCON Cust. No. | Customer Version | | |
|----------------|-------------|------------|-------------|---------------|----------|----------|-----------------|------------------|--|--|
| A14G172 | 02 | OR | N | A | R | B | | | | |

Pitch
3,50

| | | | | | |
|-----------------------------|--|------------------------|---|---|--|
| 02 = Number of Pos. | | N = No function | N = NON Approval A = UL /UR Approval Please consult EDCON for available B = VDE Approval Please consult EDCON for available C = TÜV Approval Please consult EDCON for available | R = ROHS Conform N = NON ROHS Conform B = Bulk-Ware I = Individual Package | xxxxxx = Customer Number xxx = Customer Version ??(Printing) |
| Standard 1x2 ~ 1x24 Pos. | | OR = Orange | | | |

| | |
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| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 04.12.2022 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | 3 from 3 | |