

## Data sheet

SM01Y01VXNN04G1 13-inch Reel solder pad/solder side

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P/N  
ASM01Y0164-4G16

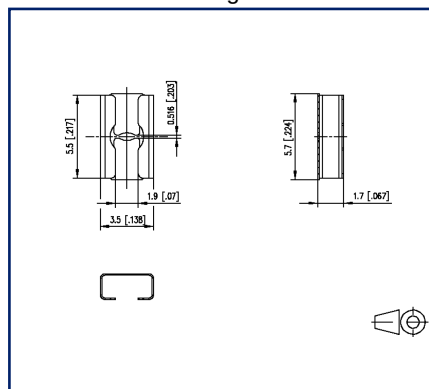
2023/06/28

Version: U

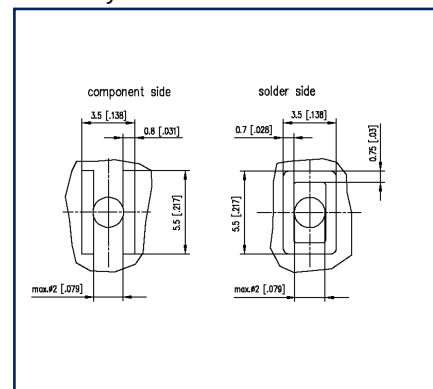
### Illustrations



Dimensional drawing



PCB-Layout



See enlarged drawings at the end of document

### Product specification

- spring clamp terminal block, SMT solderable
- one-way contact
- direction of connection vertical 0°
- Tape & Reel packaging

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### Technical Data

#### General Data

|                          |      |
|--------------------------|------|
| min. number of poles     | 1    |
| max. number of poles     | 1    |
| Protection category      | IP00 |
| Min. insul. strip length | 4 mm |
| Rated current            | 13 A |

#### Terminal data

|                         |                                                              |
|-------------------------|--------------------------------------------------------------|
| rat.wiring solid AWGmax | 0.75 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 18 - AWG 16 |
|-------------------------|--------------------------------------------------------------|

#### Material

|                  |         |
|------------------|---------|
| contact material | CuBe    |
| Contact surface  | Ni + Sn |

#### Climatic Data

|                         |        |
|-------------------------|--------|
| upper limit temperature | 150 °C |
| lower limit temperature | -40 °C |

#### general

|               |                                    |
|---------------|------------------------------------|
| Tolerance     | ISO 2768 -mH                       |
| Solderability | Acc. to IPC/JEDEC J-STD-020D-MSL 1 |

#### Sicherheitshinweis

|                     |                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety instructions | Components have to be fixed in a way to prevent any transmission of forces on to the contact. Components with more than one pin are recommended. |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|



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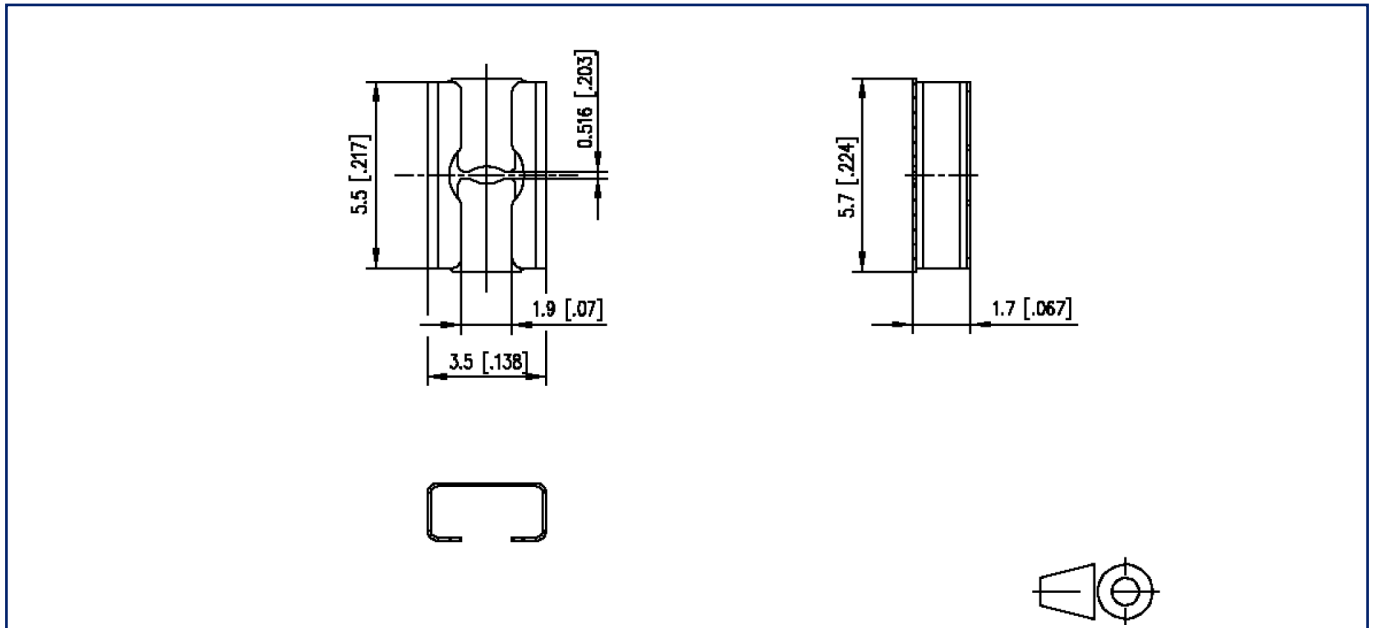
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## Counterpart

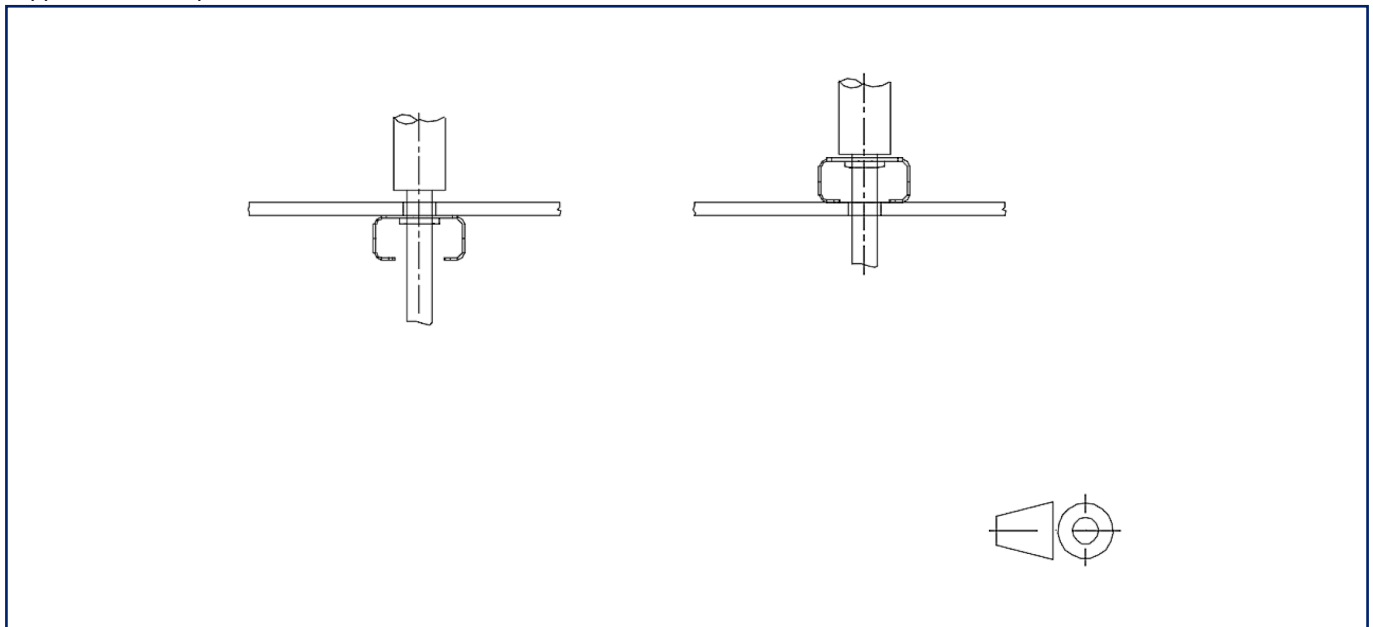
| P/N    | Designation                              |
|--------|------------------------------------------|
| 709023 | Tape_ASM01Y_16mm K03547 Tape_ASM01Y_16mm |

## Illustrations

### Dimensional drawing

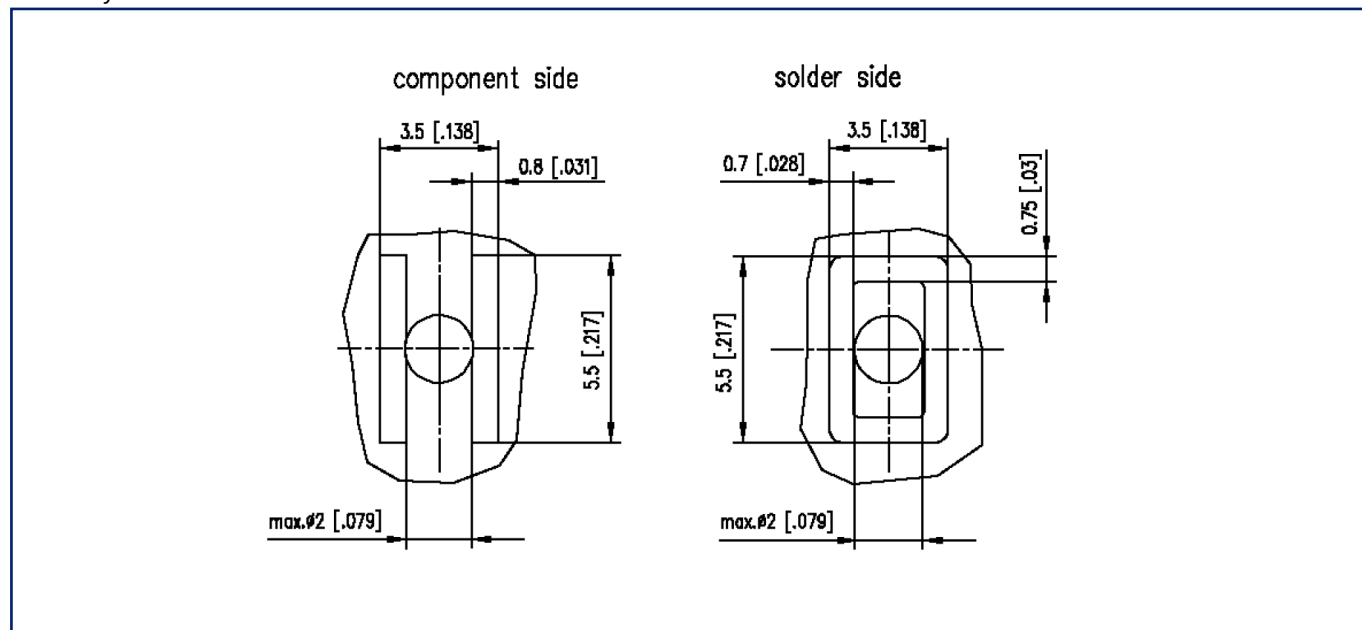


### Application example



### Illustrations

PCB-Layout



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