

# Data sheet

Page 1/5

## SM01Y01VXNN03G1 7-inches Reel solder pad/component side

P/N  
ASM01Y0164-3G16

EAN 4250184184058

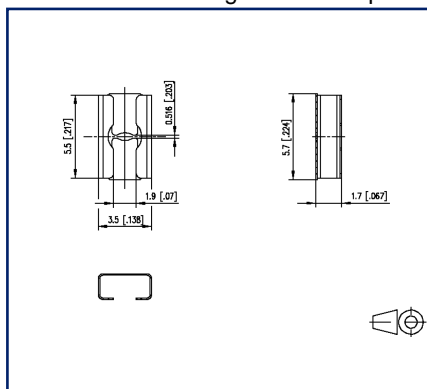
2025/08/15

Version: V

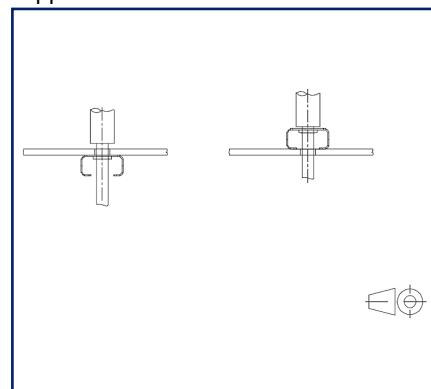
### Illustrations



Dimensional drawing as an example



Applikation



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



Data sheet

Page 2/5

SM01Y01VXNN03G1 7-inches Reel solder pad/component side

P/N

ASM01Y0164-3G16

EAN 4250184184058

2025/08/15

Version: V

## Technical Data

Product specification	
brand U Contact	SPRINGCON
Mounting style	SMT
Centerline mm	Einzelpole Single poles
direction of connection	0 °
Tape	ja yes
General Data	
min. number of poles	1
max. number of poles	1
Protection category	IP00
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.

## Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



Data sheet

Page 3/5

## SM01Y01VXNN03G1 7-inches Reel solder pad/component side

P/N

ASM01Y0164-3G16

EAN 4250184184058

2025/08/15

Version: V

### Counterpart

P/N	Designation
709023	Tape_ASM01Y_16mm K03547 Tape_ASM01Y_16mm



Data sheet

Page 4/5

# SM01Y01VXNN03G1 7-inches Reel solder pad/component side

P/N

ASM01Y0164-3G16

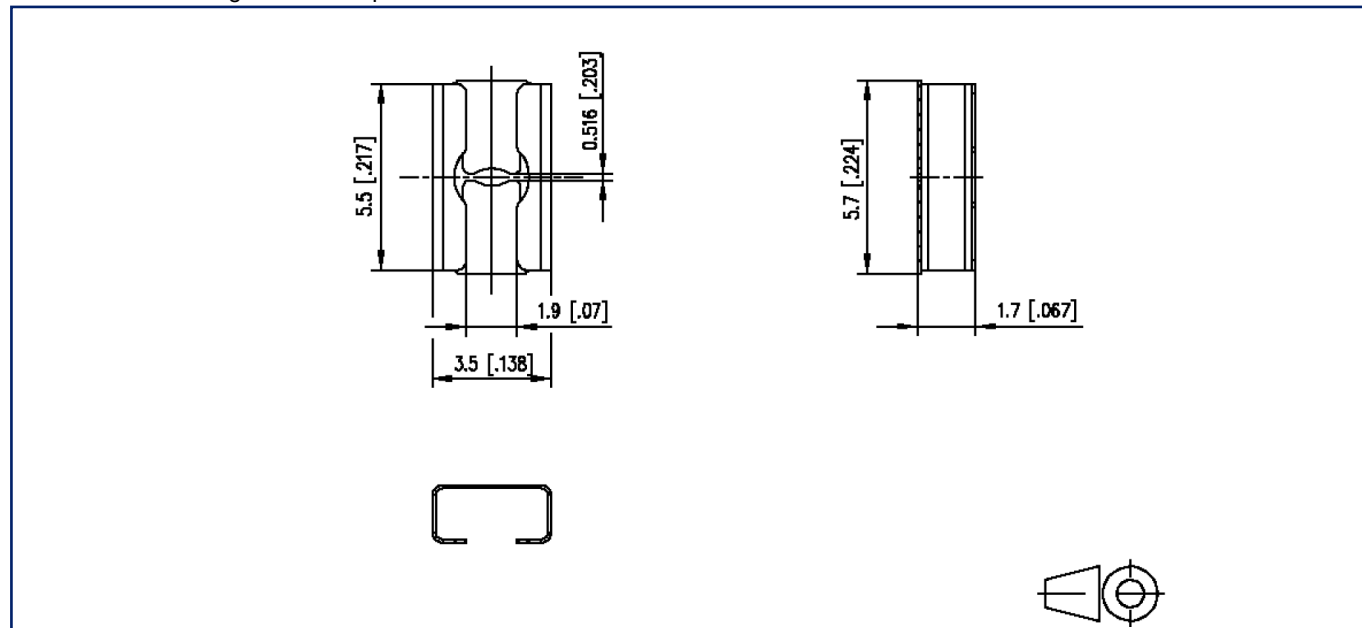
EAN 4250184184058

2025/08/15

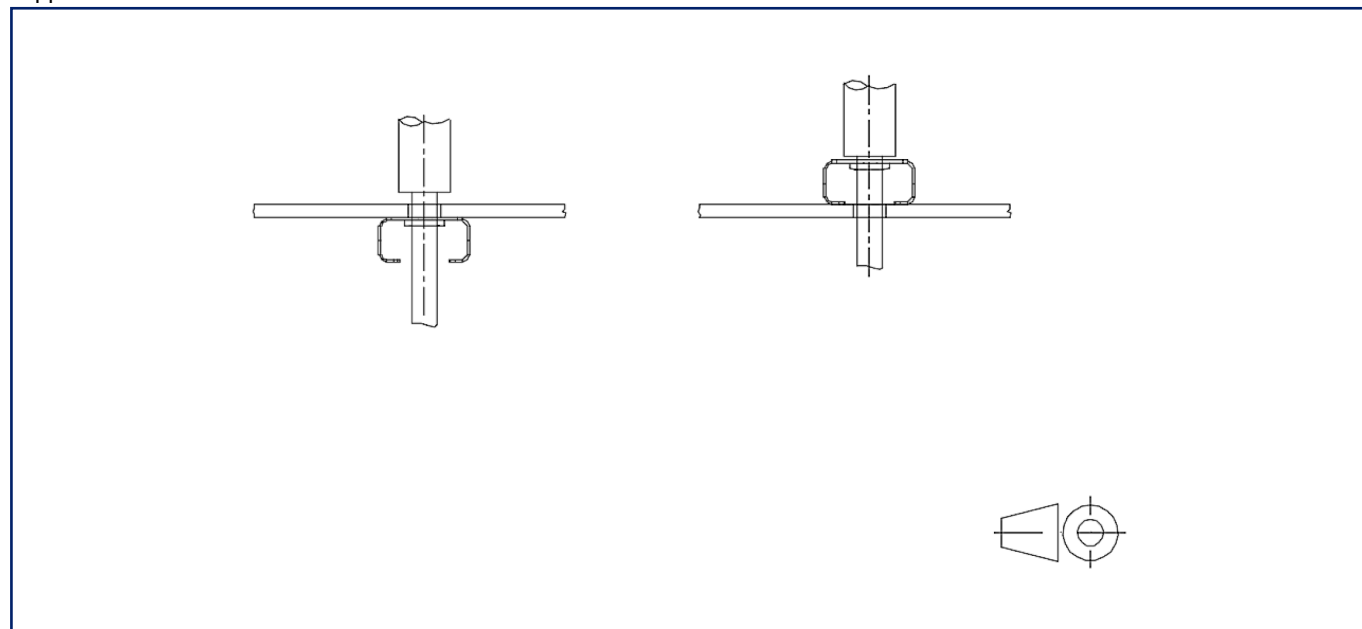
Version: V

## Illustrations

Dimensional drawing as an example



Applikation



METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany

Phone +49 7702 533-0 | Fax +49 7702 533-433

Weitere Dokumentation siehe / additional documentation see /  
documentation supplémentaire voir [www.metz-connect.com](http://www.metz-connect.com)

Data sheet

Page 5/5

# SM01Y01VXNN03G1 7-inches Reel solder pad/component side

P/N

ASM01Y0164-3G16

EAN 4250184184058

2025/08/15

Version: V

## Illustrations

PCB-Layout

