Data sheet

SM01W01VXNN02G1 7-inches Reel solder pad/solder side

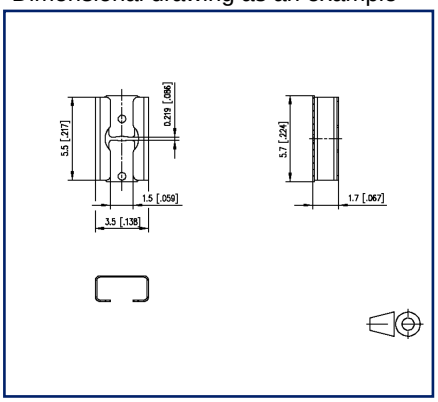
P/N
ASM01W0164-2G16

2026/11/16
Version: X

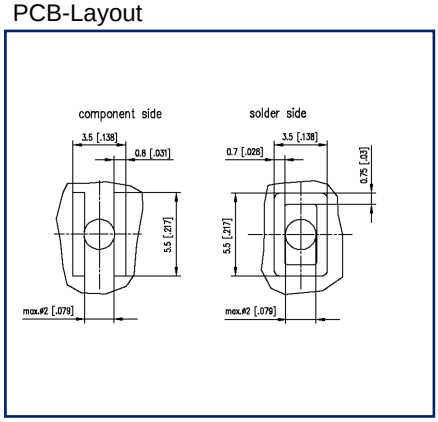
Illustrations



Dimensional drawing as an example



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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SM01W01VXNN02G1 7-inches Reel solder pad/solder side

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Technical Data

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	0.1 mm² - 0.75 mm² / AWG 26 - AWG 18
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.

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SM01W01VXNN02G1 7-inches Reel solder pad/solder side

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Counterpart

P/N	Designation
709023	Tape_ASM01Y_16mm K03547 Tape_ASM01Y_16mm

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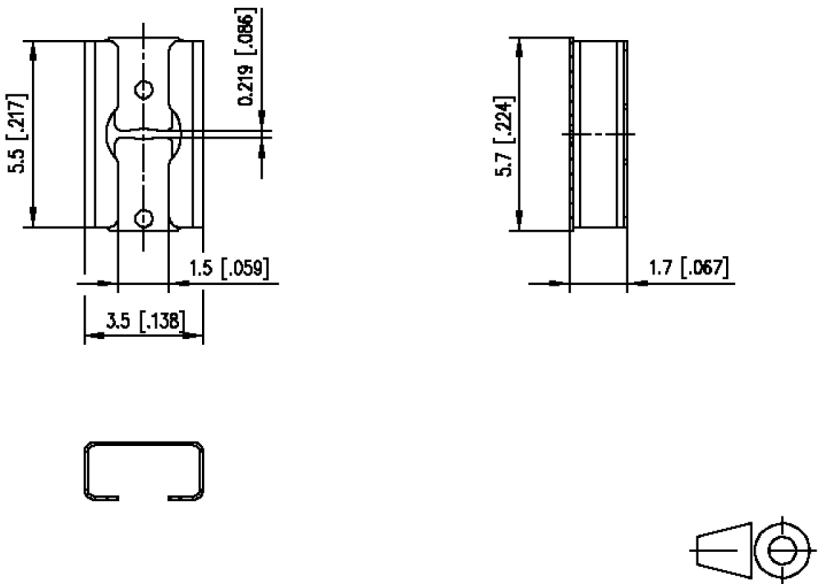
SM01W01VXNN02G1 7-inches Reel solder pad/solder side

P/N
ASM01W0164-2G16

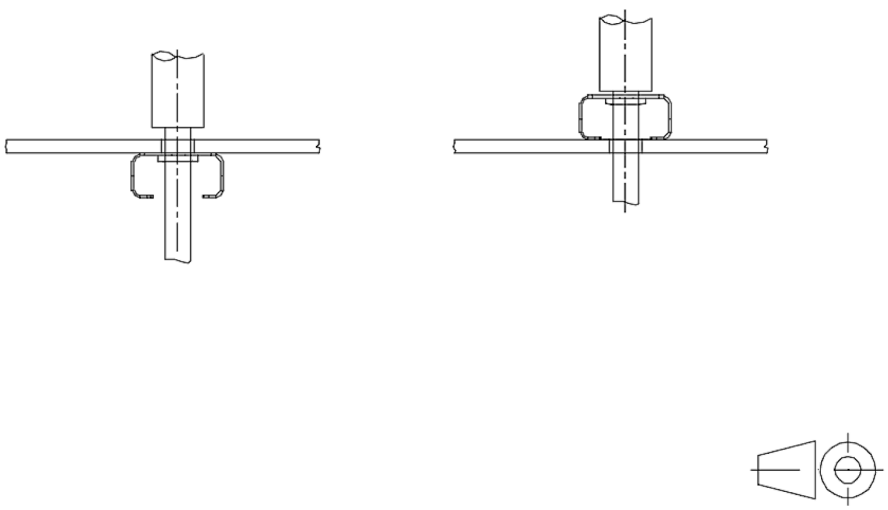
2026/11/16
Version: X

Illustrations

Dimensional drawing as an example



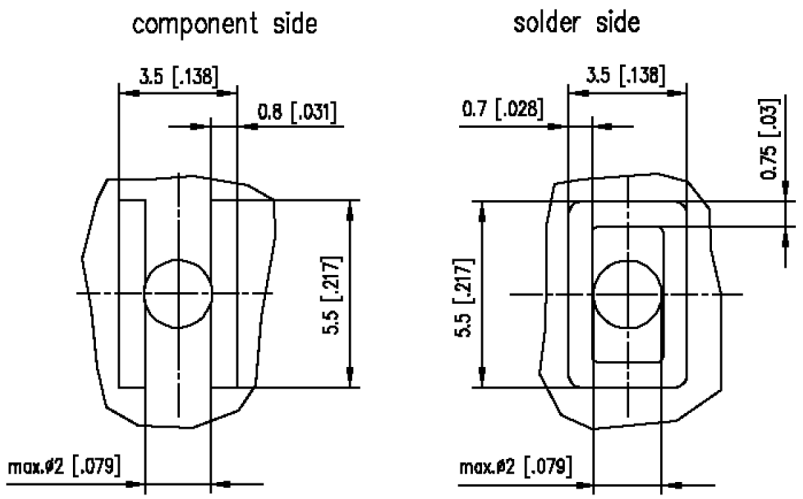
Application example



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Illustrations

PCB-Layout



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