

## Data sheet

SM99S01VBNN04G7 red

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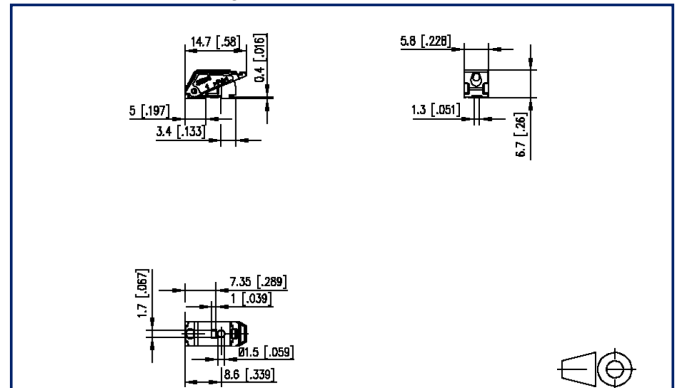
P/N  
SM99S01VBNN04G7

2023/04/12  
Version: AH

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- spring clamp terminal block, SMT solderable
- direction of connection 90°
- fittable without loss of poles
- color red
- Tape & Reel packaging
- finger push-button
- test point and wire connection indicator
- Variants: black, creme white, yellow, green, red, blue, orange, gray, brown, white



## Technical Data



### General Data

pole size	1
Insulating material class	CTI 600
Protection category	IP20
Min. insul. strip length	7 mm
Rated current	9 A

### Terminal data

rat.wiring solid AWGmax	0.2 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 24 - AWG 16
rat.wiring strand.AWGmax	0.2 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 24 - AWG 16

### Approvals

 V / A / AWG	300 / 9 / 24 - 16
approval UL - File No.	E121004
 0.75 mm <sup>2</sup>	9 A / T60

### Material

insulating material	PPA
flammability class	V0
spring material	Spring steel
contact material	CuSn
Contact surface	Sn
Glow-Wire Flammability GWFI	850 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13

### Climatic Data

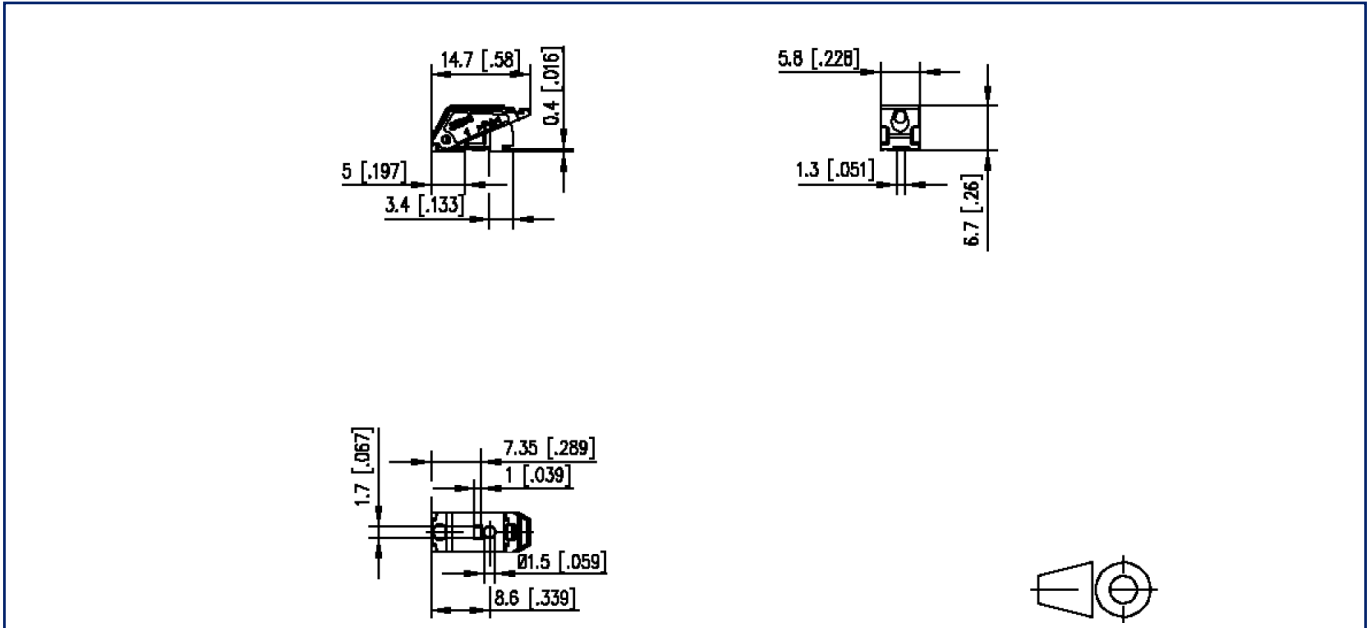
upper limit temperature	105 °C
lower limit temperature	-40 °C

### general

Tolerance	ISO 2768 -mH
Solderability	reflowable

**Illustrations**

Dimensional drawing



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