

Data sheet

SM99S01VBNN07G7 traffic gray

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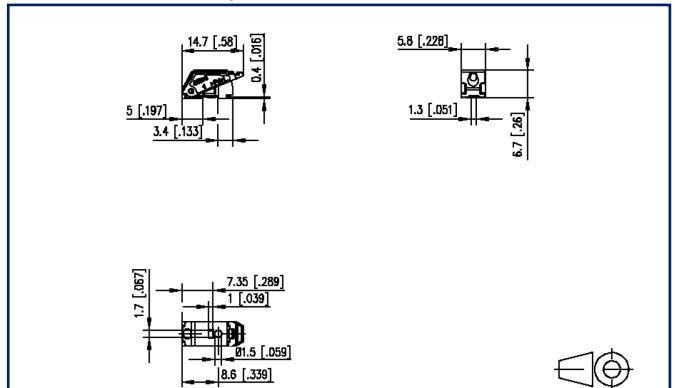
P/N
SM99S01VBNN07G7

2023/04/12
Version: P

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- ethernet-capable spring clamp terminal block, SMT solderable
- direction of connection 90°
- fittable without loss of poles
- color gray
- 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 ² - 1.5 mm ² / AWG 24 - AWG 16
rat.wiring strand.AWGmax	0.2 mm ² - 1.5 mm ² / AWG 24 - AWG 16

Approvals

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

