

Data sheet

SR207xxDBVN

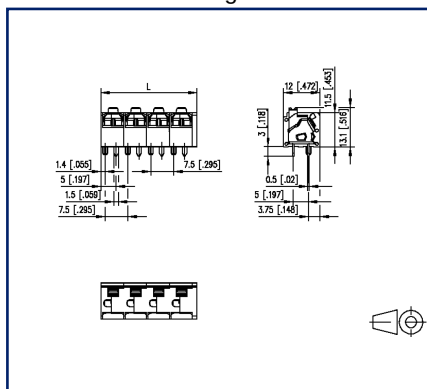
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P/N
SR207XXDBVN
xx=number of poles
2023/07/03
Version: P

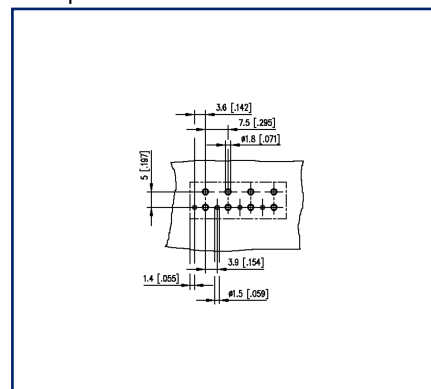
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- spring clamp terminal block, THR solderable, double solder pins
- centerline 7.50 mm, direction of connection 45°
- color black
- push-button, double solder pins
- Tape & Reel packaging possible



Technical Data

General Data

Solder pin length	3 mm		
min. number of poles	1		
max. number of poles	12		
Insulating material class	CTI 600		
clearance/creepage dist.	4.7 mm		
Protection category	IP20		
Min. insul. strip length	9 mm		
Rated current	16 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320 V	800 V	800 V
Rated test voltage	4 kV	4 kV	4 kV

Terminal data

rat.wiring solid AWGmax	0.5 mm ² - 2.5 mm ² / AWG 20 - AWG 14
rat.wiring strand.AWGmax	0.5 mm ² - 2.5 mm ² / AWG 20 - AWG 14

Approvals

 V / A / AWG	300 / 16 / 20 - 14
approval UL - File No.	E121004
 2.5 mm ²	250 V / 24 A / T60

Material

insulating material	PA/PPA
flammability class	V0
spring material	Spring steel
contact material	CuSn
Contact surface	Sn
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13

Climatic Data

upper limit temperature	125 °C
lower limit temperature	-40 °C

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Technical Data

general

Tolerance	ISO 2768 -mH
Solderability	reflowable



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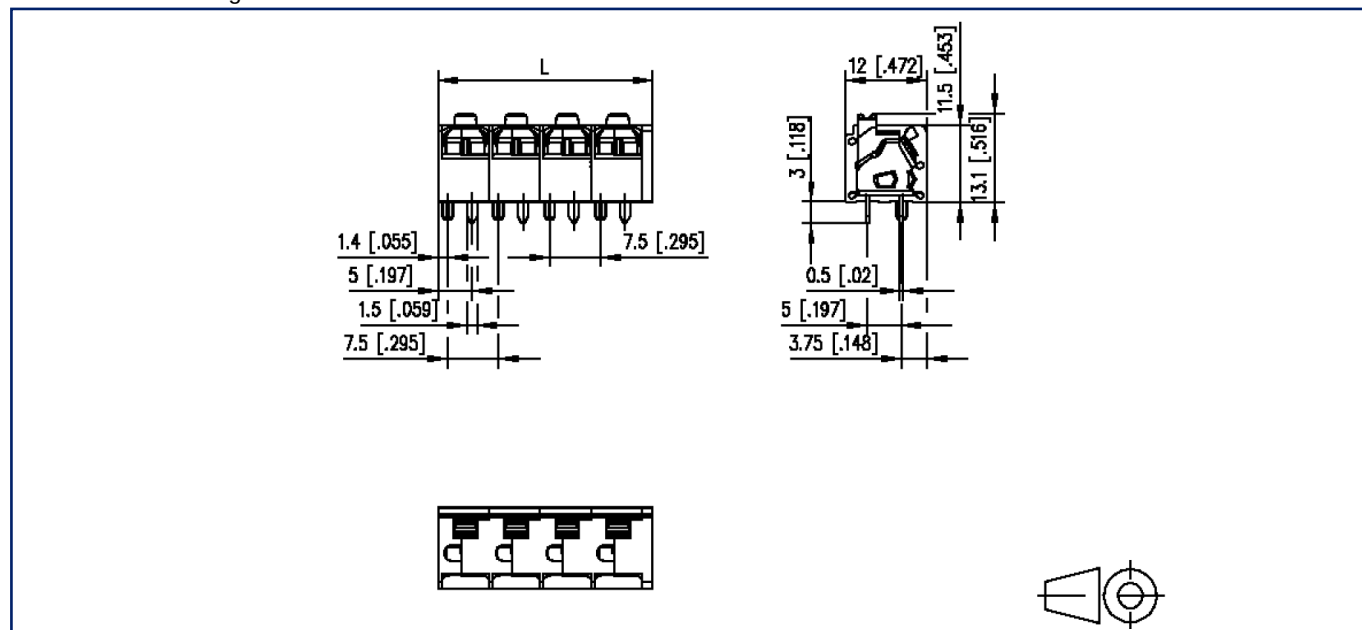
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$L = (\text{pole size} - 1) \times \text{centerline} + 9.1 \text{ mm} [0.358]$

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Drill pattern

