

Data sheet

ST072xxHGNN AST072

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P/N

AST072xx

xx=number of poles

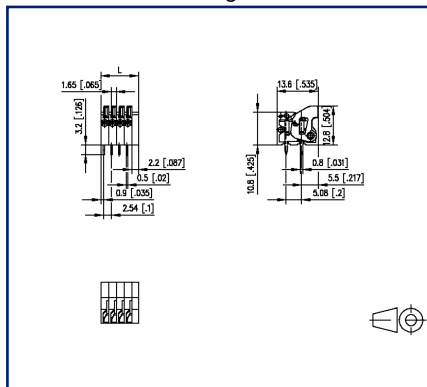
2023/07/03

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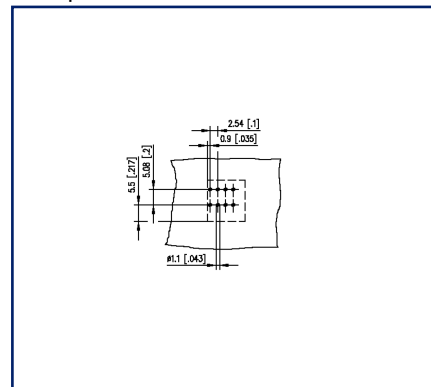
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- spring clamp terminal block, solderable, double solder pins
- centerline 2.54 mm, direction of connection 90°
- color green
- push-button



Technical Data

General Data

Solder pin length	3.2 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	2 mm		
Protection category	IP20		
Min. insul. strip length	10 mm		
Rated current	6 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	10 V	200 V	200 V
Rated test voltage	1.5 kV	1.5 kV	1.5 kV

Terminal data

rat.wiring solid AWGmax	0.2 mm ² - 0.5 mm ² / AWG 26 - AWG 20
rat.wiring strand.AWGmax	0.2 mm ² - 0.5 mm ² / AWG 26 - AWG 20

Approvals

 V / A / AWG	150 / 6 / 26 - 20
approval UL - File No.	E121004
 0.5 mm ²	130 V / 6 A / T60

Material

insulating material	PA66
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	105 °C
lower limit temperature	-40 °C

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Technical Data

general

Tolerance

ISO 2768 -mH

Solderability

Acc. to JEDEC JESD22-B102E 245°C/5s



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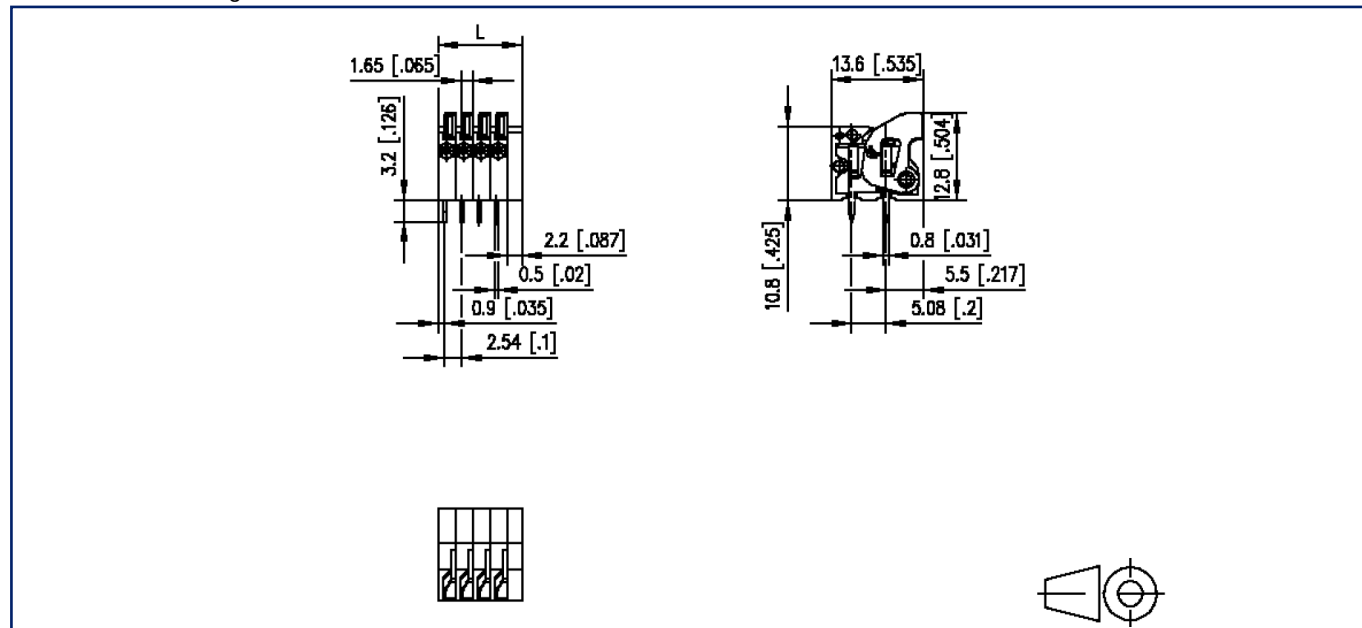
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$L = (\text{pole size} - 1) \times \text{centerline} + 4.74 \text{ mm} [0.187]$



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