

Data sheet

ST047xxDDNC AST047

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P/N

AST047xx

xx=number of poles

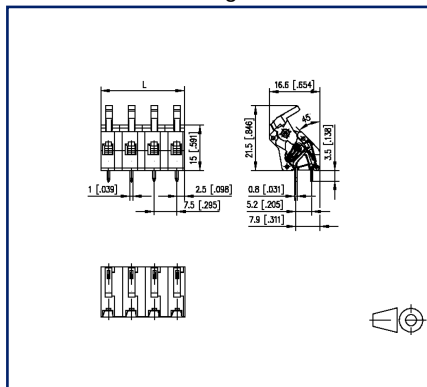
2023/07/03

Version: F

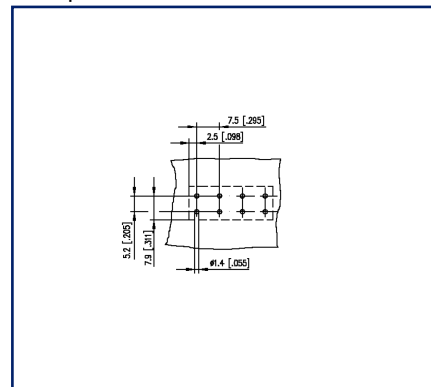
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- spring clamp terminal block, solderable, double solder pins
- centerline 7.50 mm, direction of connection 45°
- fittable without loss of poles
- color gray
- eccentric lever



Technical Data

General Data

Solder pin length	3.5 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 400		
clearance/creepage dist.	6.5 mm		
Protection category	IP20		
Min. insul. strip length	6 mm		
Rated current	12 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	32 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 - 1.5 mm ² / AWG 28 - AWG 16		
rat.wiring strand.AWGmax	0.2 mm ² - 1.5 mm ² / AWG 28 - AWG 16		

Approvals

 V / A / AWG	600 / 13 / 28 - 14		
approval UL - File No.	E121004		
 1 mm ²	750 V / 13.5 A / T60		

Material

insulating material	PA46
flammability class	V0
spring material	Spring steel
contact material	CuZn
Contact surface	Ni + Sn
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-

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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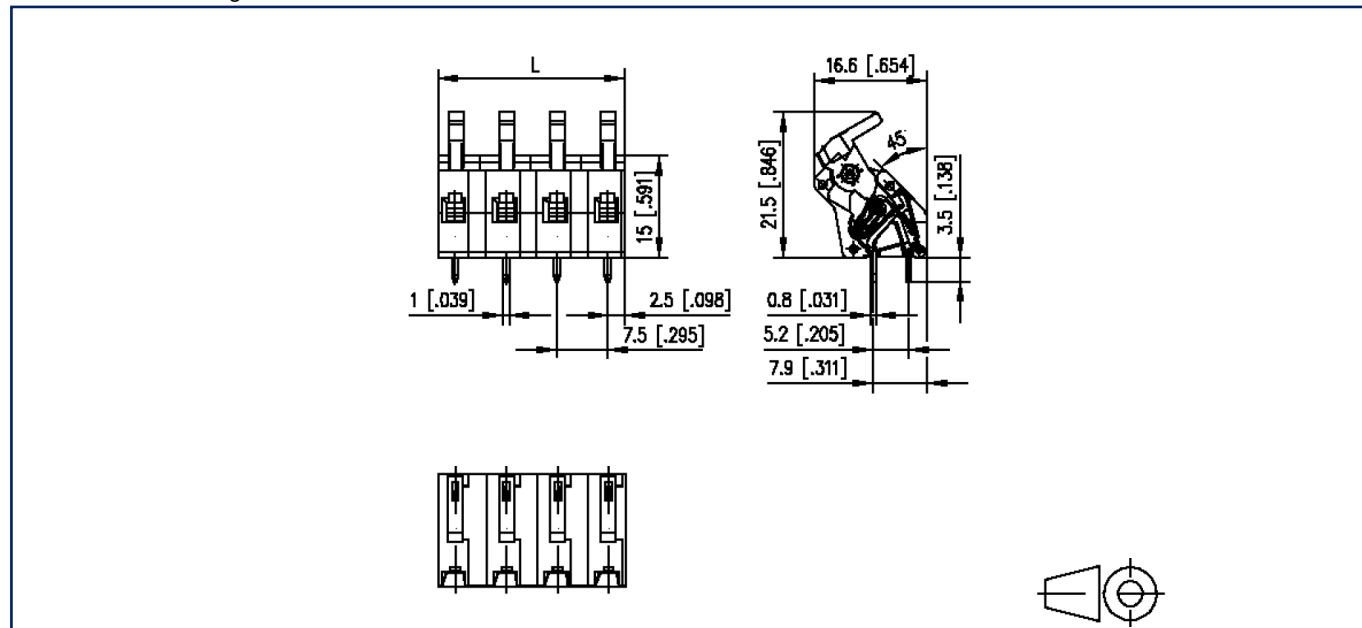
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Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm} [0.197]$

Illustrations

Drill pattern

