

# Data sheet

ST041xxDDNN AST041

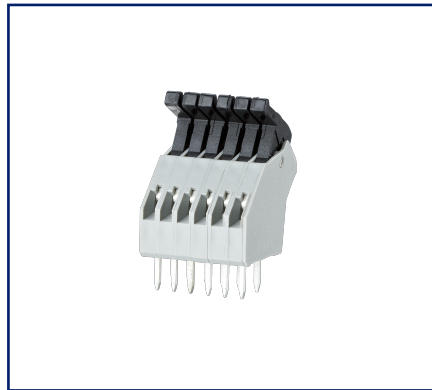
P/N  
AST041xx04

xx=number of poles

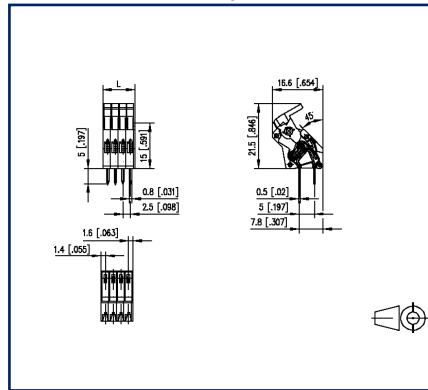
2024/05/23

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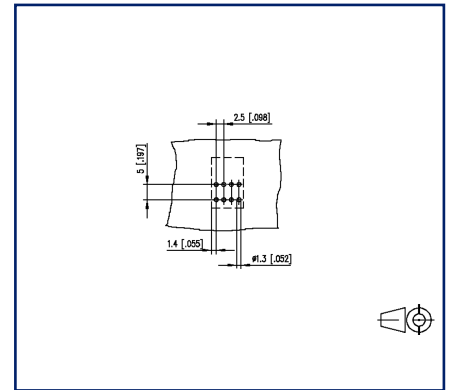
## Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

## Product specification

- spring clamp terminal block, solderable, double solder pins
- centerline 2.50 mm, direction of connection 45°
- color gray
- eccentric lever

## Technical Data



### General Data

Solder pin length	5 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	1.7 mm		
Protection category	IP20		
Min. insul. strip length	6 mm		
Rated current	8 A		
Overvoltage category	III	III	II
Pollution degree	2	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 <sup>2</sup> - 0.5 mm <sup>2</sup> / AWG 28 - AWG 20		
rat.wiring strand.AWGmax	0.2 mm <sup>2</sup> - 0.5 mm <sup>2</sup> / AWG 28 - AWG 20		

### Approvals

 V / A / AWG	150 / 8 / 28 - 20		
approval UL - File No.	E121004		
 0.5 mm <sup>2</sup>	130 V / 6 A / T60		

### Material

insulating material	PA66
flammability class	V0
spring material	Spring steel
contact material	CuZn
Contact surface	Ni + 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

# U | Contact

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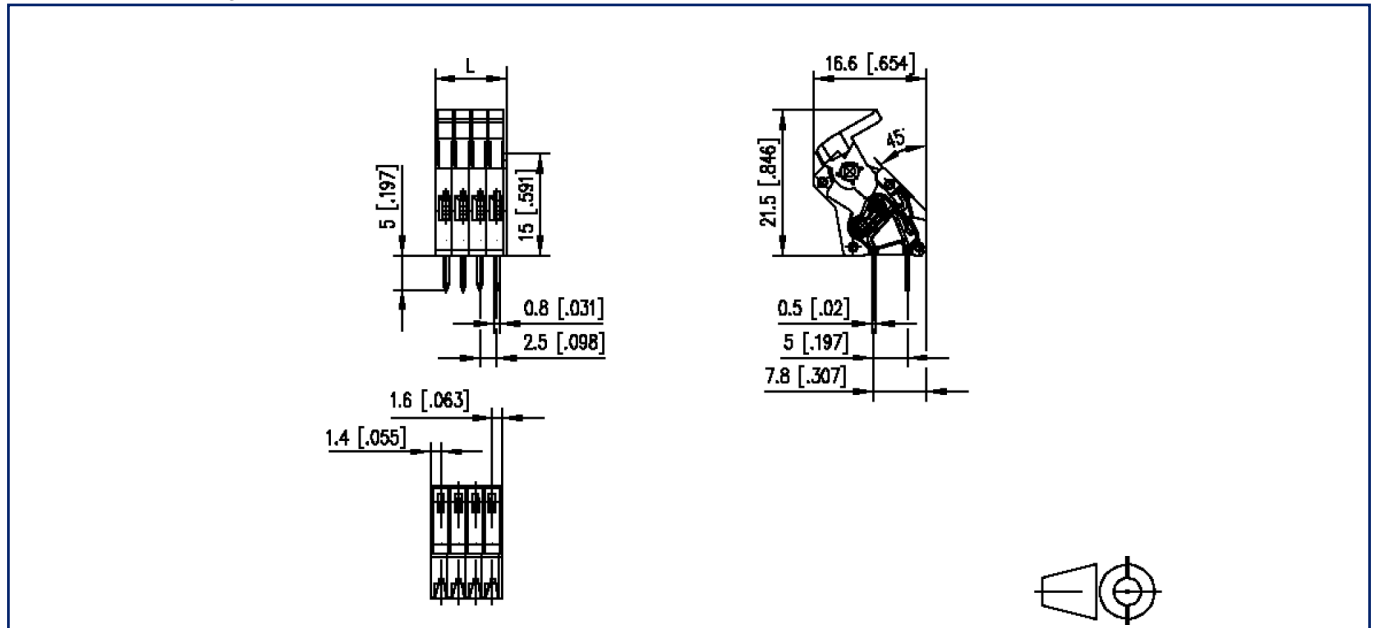
## Technical Data

### general

Tolerance	ISO 2768 -mH
Solderability	Acc. to JEDEC JESD22-B102E 245°C/5s

**Illustrations**

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 3 \text{ mm} [0.118]$

**Illustrations**

Drill pattern

