

# Data Sheet

## ST024xxHDNC

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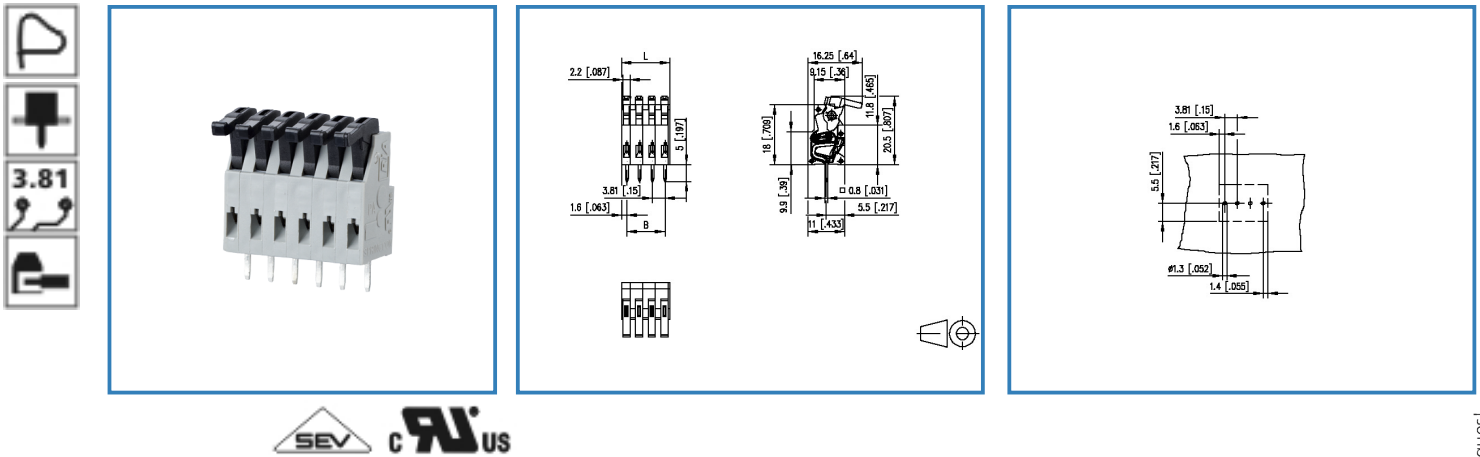
P/N

AST024xx

xx=number of poles

2017/05/05

### Illustration



see enlarged drawing at the end of the document

### Product specification

- spring clamp terminal block, solderable
- centerline 3.81 mm, direction of connection 90°
- color gray
- eccentric lever

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### 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.	3 mm		
protection category	IP 20		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	10.0 V	200.0 V	200.0 V
Rated test voltage	1.5 kV	1.5 kV	1.5 kV
Min. insul. strip length	6 mm		

#### Connection data

Rated wiring solid wire	0.2 - 0.5 mm <sup>2</sup> / AWG 28 - 20		
Rated wiring stranded wire	0.2 - 0.5 mm <sup>2</sup> / AWG 28 - 20		

#### Approvals

 V / A / AWG	150 / 7 / 28 - 20		
 0.5 mm <sup>2</sup>	250 V / 6 A / T60		

#### Material

insulating material	PA66		
flammability class	V0		
spring material	Spring steel		
contact material	CuZn		
Glow-Wire Flammability GWFI	960		
Glow-Wire Flammability GWIT	775		
contact surface	Ni + Sn		

#### Climatic properties

upper limit temperature	105 °C		
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lower limit temperature -40 °C

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### General

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

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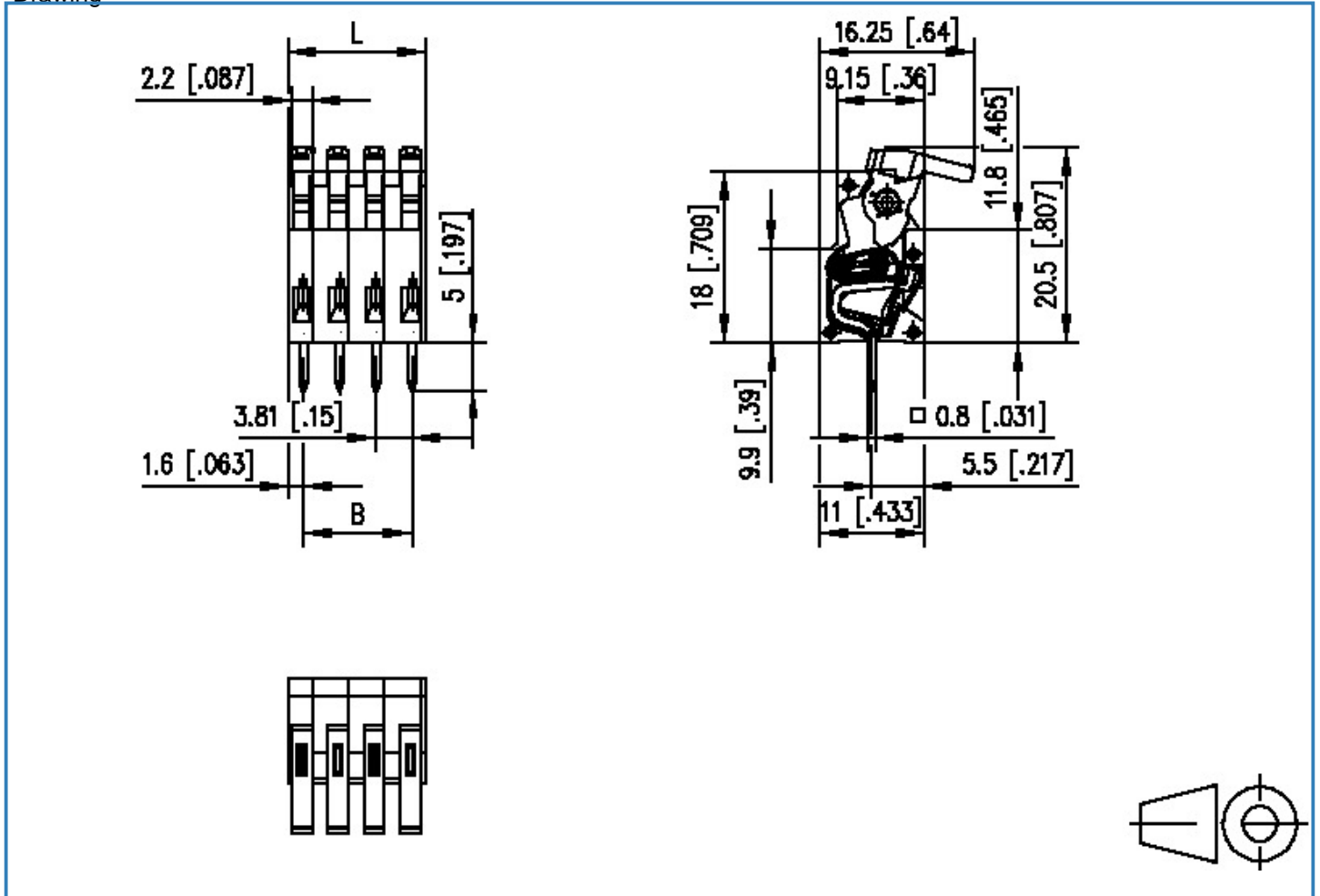


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### Illustration

Drawing



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

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### PCB Layout

