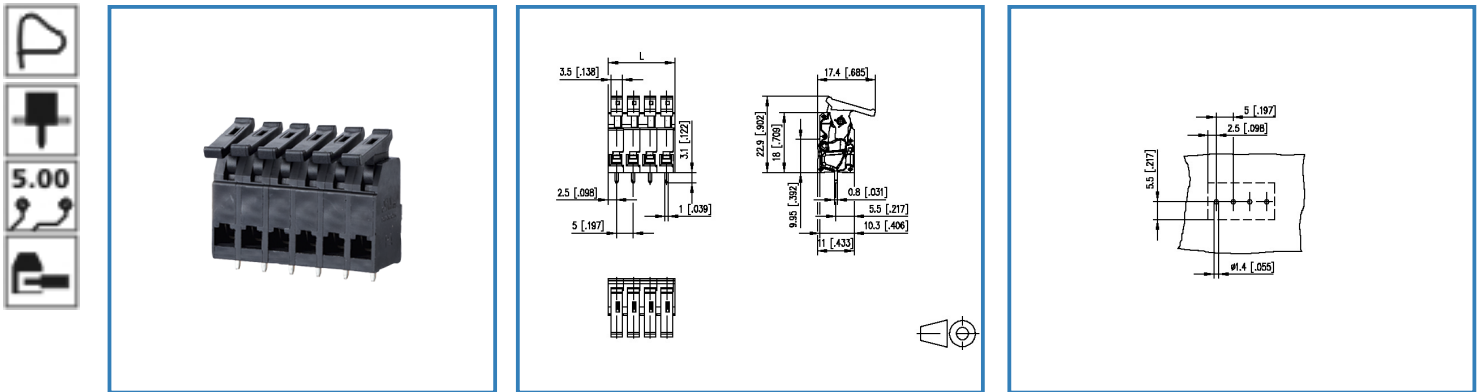


Data Sheet

ST055xxHBNC

Illustration



see enlarged drawing at the end of the document

Product specification

- spring clamp terminal block, solderable
- centerline 5.00 mm, direction of connection 90°
- fittable without loss of poles
- color black
- eccentric lever

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Data Sheet

ST055xxHBNC

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P/N

AST055xx

xx=number of poles

2017/03/20

Technical Data



General Data

Solder pin length	3.1 mm		
min. number of poles	1		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	4 mm		
protection category	IP 20		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320 V	800 V	800 V
Rated test voltage	4 kV	4.0 kV	4 kV
Min. insul. strip length	6 mm		

Connection data

Rated wiring solid wire	0.08 - 2.5 mm ² / AWG 28 - 12		
Rated wiring stranded wire	0.08 - 2.5 mm ² / AWG 28 - 12		

Approvals

 V / A / AWG	300 / 12 / 28 - 12		
 2.5 mm ²	250 V / 20 A / T60		

Material

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

Climatic properties

upper limit temperature	105 °C		
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Data Sheet

ST055xxHBNC

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P/N

AST055xx

xx=number of poles

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lower limit temperature -40 °C

General

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

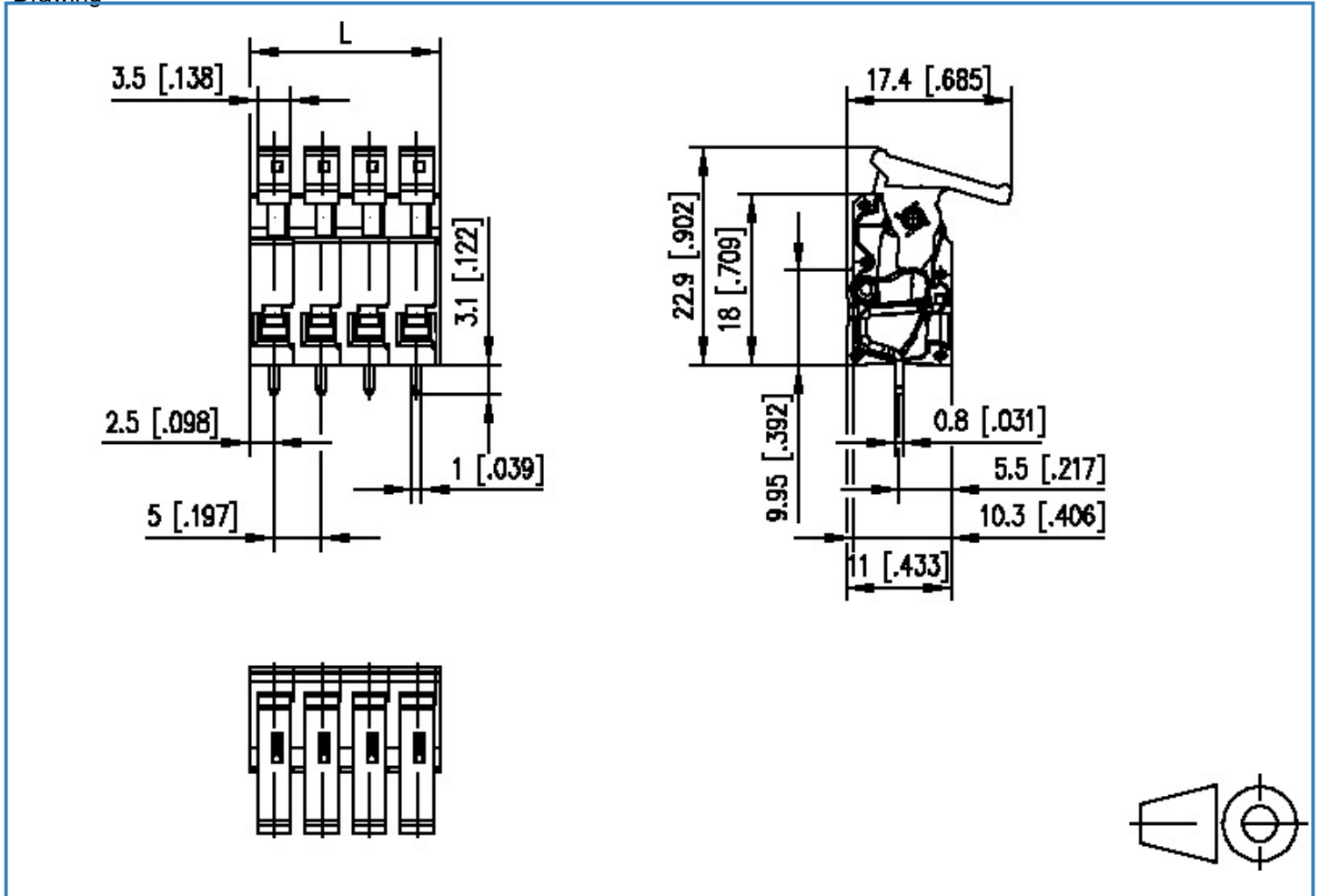


Data Sheet

ST055xxHBNC

Illustration

Drawing



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

Data Sheet
ST055xxHBNC

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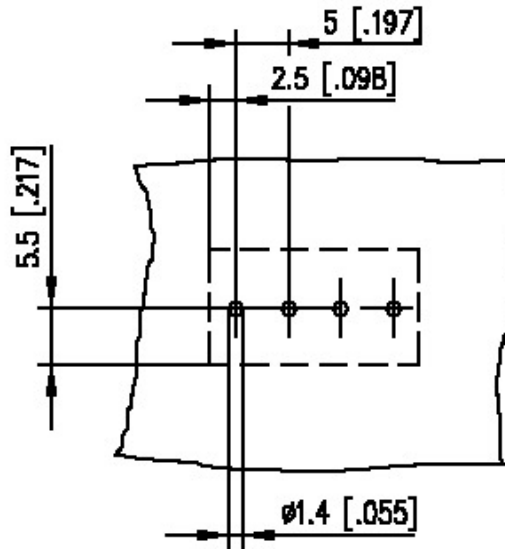
P/N

AST055xx

xx=number of poles

2017/03/20

PCB Layout



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