

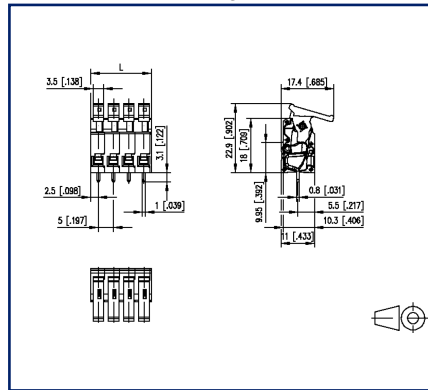
Data sheet

ST055xxHBNC AST055

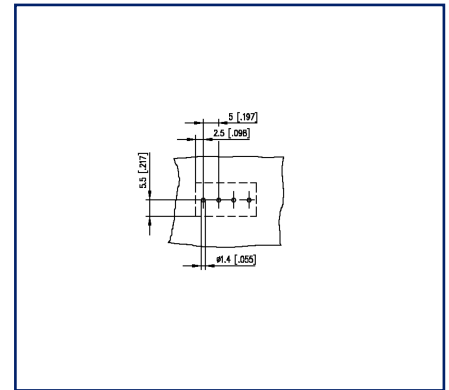
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of 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

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	IP20		
Min. insul. strip length	6 mm		
Rated current	20 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	160 V	400 V	400 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Terminal data	
rat.wiring solid AWGmax	0.08 mm ² - 2.5 mm ² / AWG 28 - AWG 12
rat.wiring strand.AWGmax	0.08 mm ² - 2.5 mm ² / AWG 28 - AWG 12

Approvals	
 V / A / AWG	300 / 12 / 28 - 12
approval UL - File No.	E121004
 2.5 mm ²	160 V / 2.5 kV / 19 A

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
REACH	compliant
REACH - substance (SVHC)	none

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

general

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Data sheet
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P/N
AST055xx
xx=number of poles
2022/04/05
Version: E

Technical Data

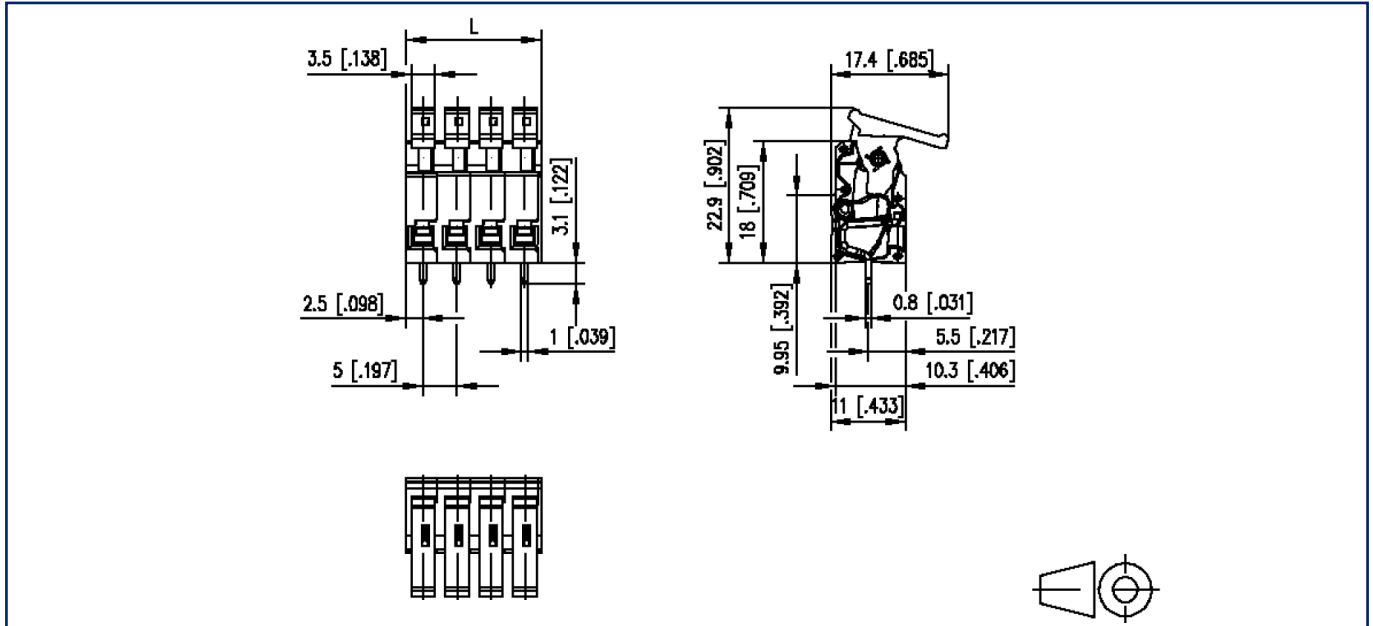
Tolerance	ISO 2768 -mH
Solderability	Acc. to JEDEC JESD22-B102E 245°C/5s

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Illustrations

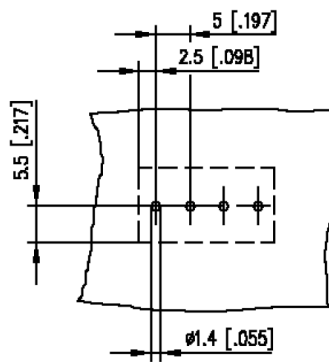
Dimensional drawing



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

Illustrations

Drill pattern



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