

Data sheet

ST177xxLDNN AST177

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P/N

AST177xx

xx=number of poles

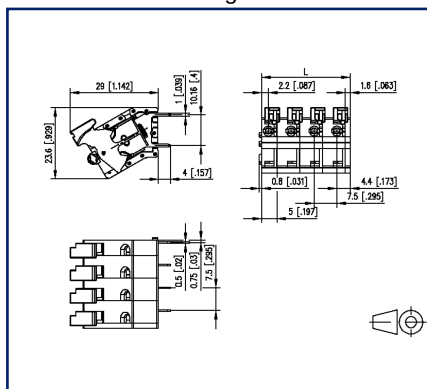
2022/04/05

Version: W

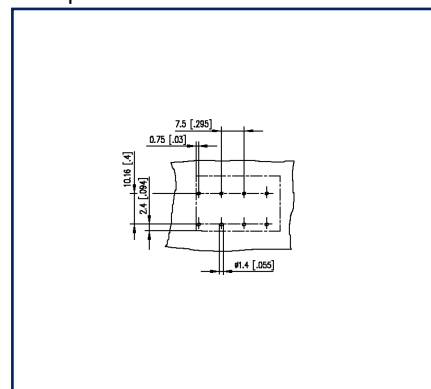
Illustrations



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 60°
- color gray
- push-button



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Technical Data

General Data			
Solder pin length	4 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	7.12 mm		
Protection category	IP20		
Min. insul. strip length	15 mm		
Rated current	15 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 mm² - 2.5 mm² / AWG 28 - AWG 12		
rat.wiring strand.AWGmax	0.08 mm² - 2.5 mm² / AWG 28 - AWG 12		
Approvals			
 V / A / AWG	600 / 15 / 28 - 12		
approval UL - File No.	E121004		
 1 mm²	250 V / 13.5 A / T60		
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		
Climatic Data			
upper limit temperature	105 °C		
lower limit temperature	-40 °C		
general			

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Technical Data

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



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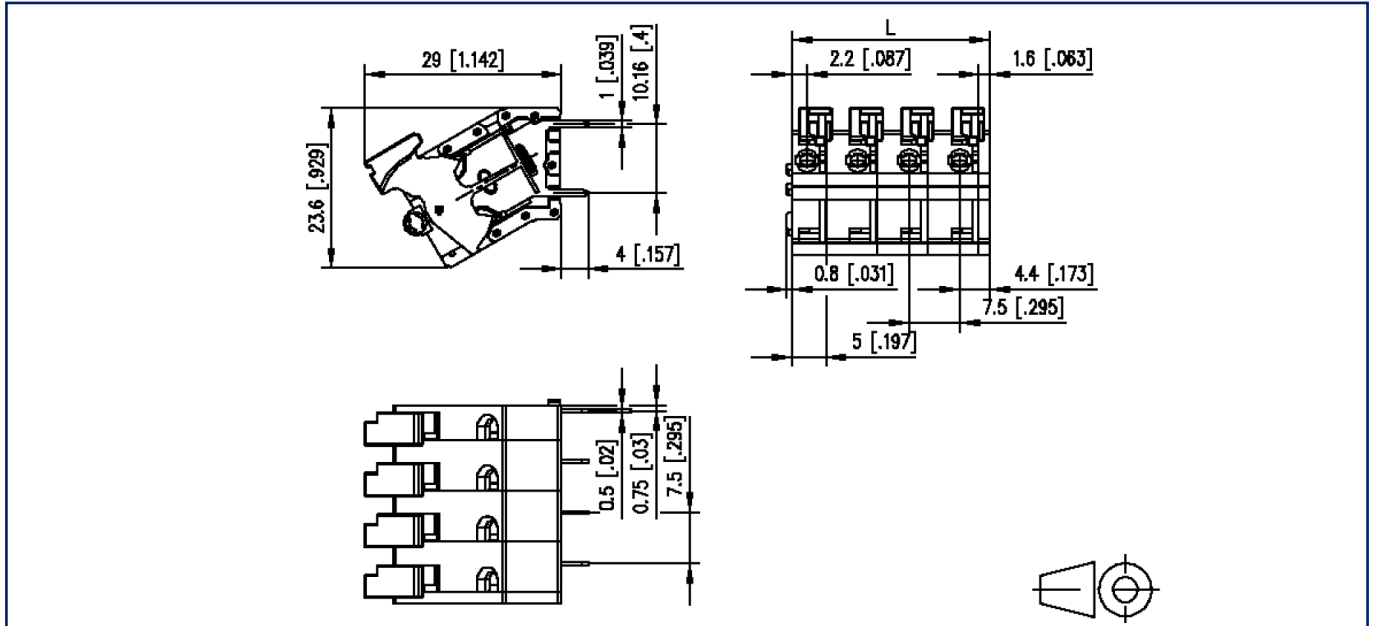
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Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 6.6 \text{ mm} [0.26]$



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Illustrations

Drill pattern

