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Data sheet
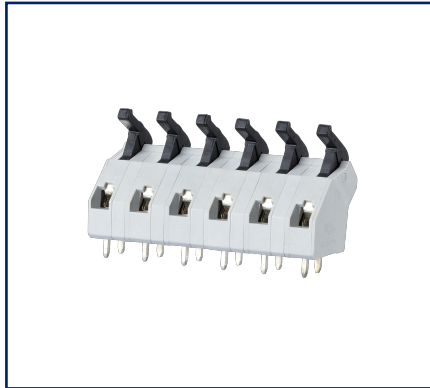## ST047xxDDNC AST047

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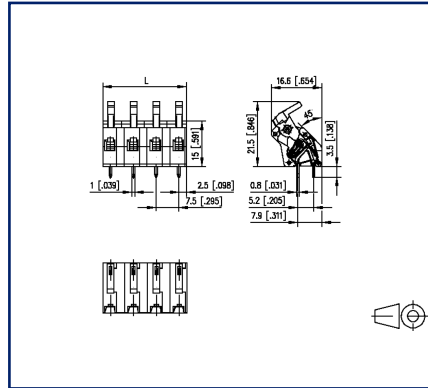
P/N
AST047xx04

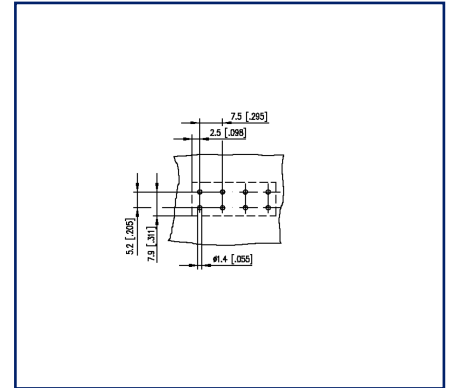**xx=number of poles**
2024/12/06
Version: H

Illustrations

Dimensional drawing as an example

Drill pattern as an example

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 45°
- fittable without loss of poles
- color gray
- eccentric lever

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Data sheet
ST047xxDDNC AST047

Technical Data

General Data

Solder pin length	3.5 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 400		
clearance/creepage dist.	6.5 mm		
Protection category	IP20		
Insul. strip length	6 mm		
Rated current	12 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	32 V	200 V	200 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Terminal data

rat.wiring solid AWGmax	0.2 mm² - 1.5 mm² / AWG 28 - AWG 16
rat.wiring strand.AWGmax	0.2 mm² - 1.5 mm² / AWG 28 - AWG 16

Approvals

c UL us V / A / AWG	600 / 13 / 28 - 14
approval UL - File No.	E121004
SEV 1 mm²	750 V / 13.5 A / T60

Material

insulating material	PA46
flammability class	V0
spring material	Spring steel
contact material	CuZn
Contact surface	Ni + Sn
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-

Climatic Data

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

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We realize ideas

Data sheet
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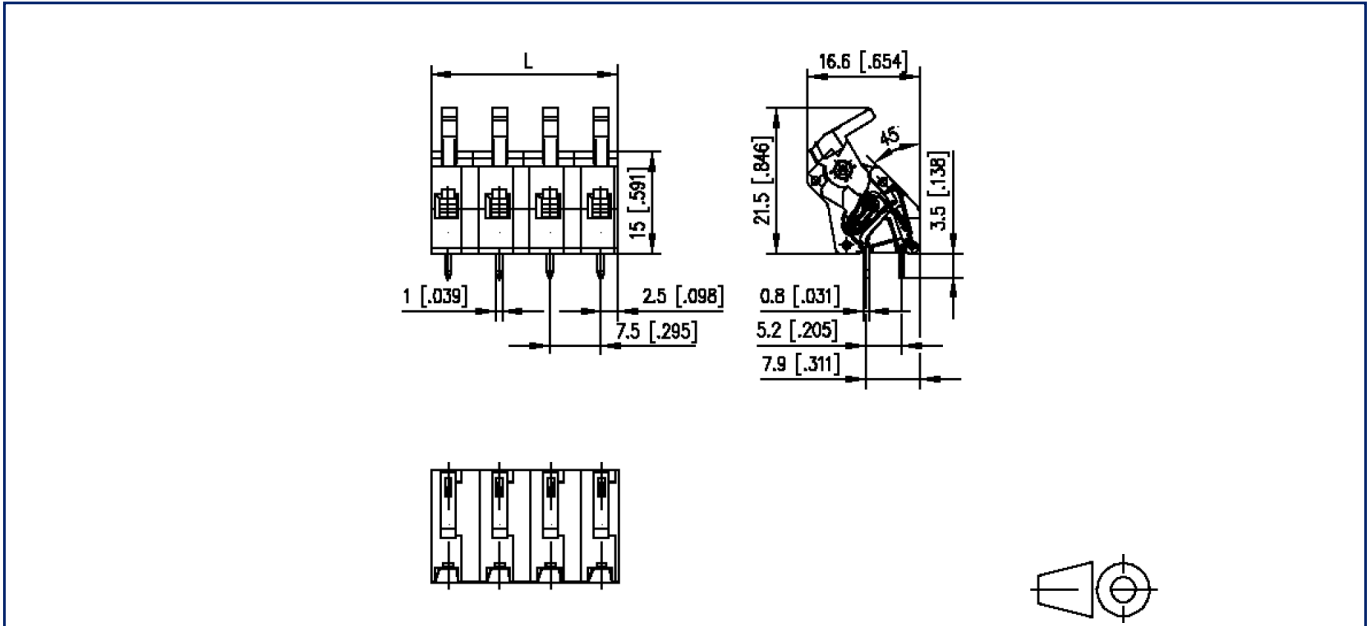## Technical Data

general

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

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

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Illustrations

Dimensional drawing as an example

L=(pole size - 1) x centerline + 5 mm [0.197]

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Weitere Dokumentation siehe / additional documentation see /
documentation supplémentaire voir www.metz-connect.com

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Illustrations

Drill pattern as an example

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