

Data Sheet

IT023xxHDNU

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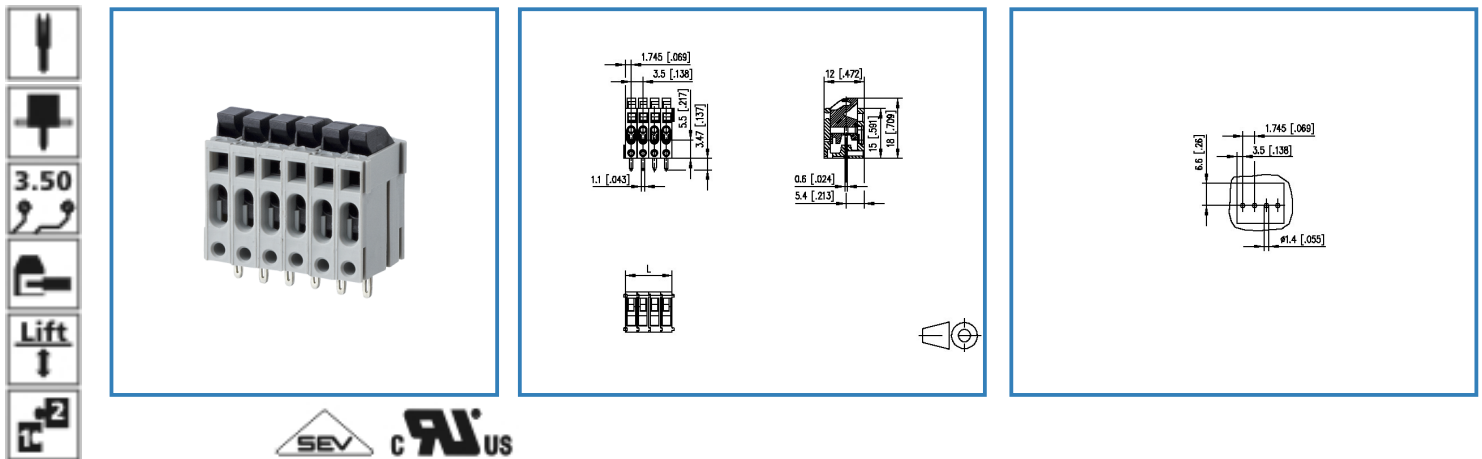
P/N

AIT023

xx=number of poles

2013/09/06

Illustration



see enlarged drawing at the end of the document

Product specification

- insulation displacement connector, solderable
- centerline 3.50 mm, direction of connection 90°
- lift system, modular
- color gray
- Connection data

CULUS V / A / AWG 150 / 2.5 / 24 - 22

SEV 0.34 mm² 130 V / 2.5 A / T60

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Technical Data

General Data

Solder pin length	3.5 mm		
min. number of poles	1		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	2.3 mm		
protection category	IP 20		
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
wire insulation Ø	1.8 mm		

Connection data

 V / A / AWG	150 / 2.5 / 24 - 22
 0.34 mm²	130 V / 2.5 A / T60

Material

insulating material	PA66
flammability class	V0

Climatic properties

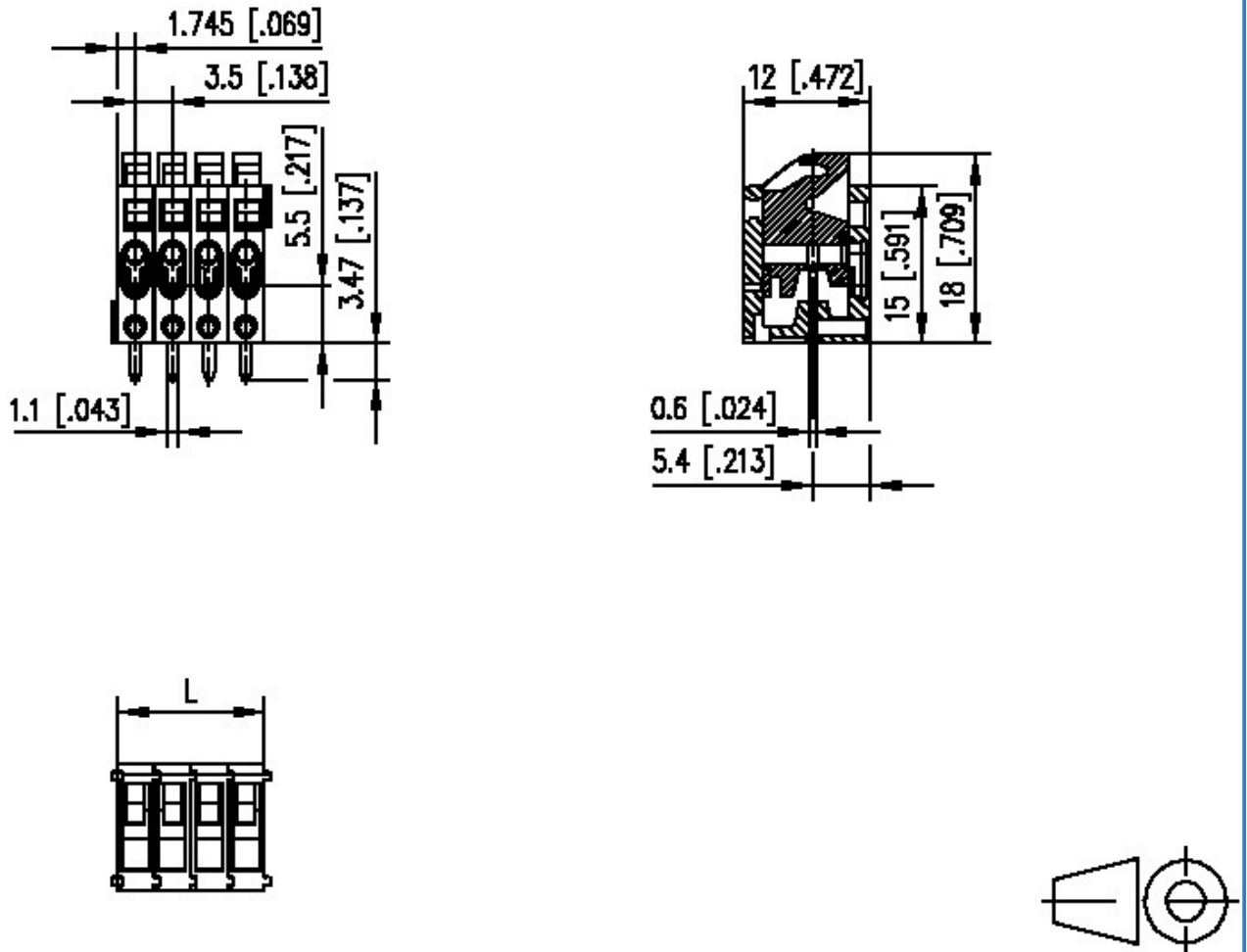
upper limit temperature	105 °C
lower limit temperature	-40 °C

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Illustration

Drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 3.5 [0.138]$

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PCB Layout

