

Data sheet

PT013xxVBBN Typ 181

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P/N

311811xx

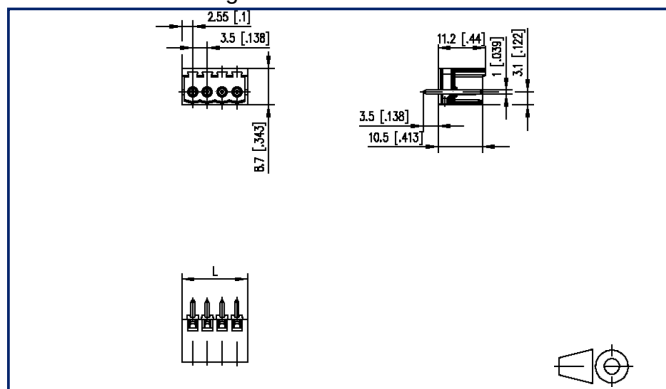
xx=number of poles

2021/08/04

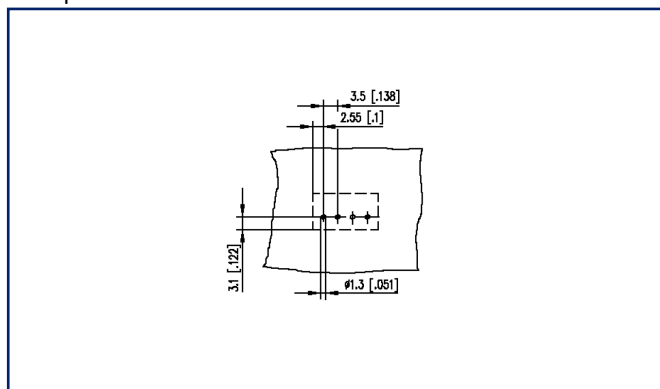
Version: L

Illustrations

Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 3.50 mm, direction of connection vertical 0°
- closed ends
- color black



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Technical Data

General Data

Solder pin length	3.5 mm		
min. number of poles	2		
max. number of poles	18		
Insulating material class	CTI 600		
clearance/creepage dist.	2.5 mm		
Protection category	IP00		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	200 V	500 V	500 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Approvals

 V / A	300 / 10
approval UL - File No.	E121004
 1.5 mm ²	125 V / 2.5 kV / 5 A / 1.0 mm

Material

insulating material	PA66
flammability class	V0
contact pin material	CuZnPb
contact pin surface	Ni + Ag
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 - substance (SVHC)	Lead / 7439-92-1

Climatic Data

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

general

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

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Accessories

P/N	Designation
720243-01-3	Coding star orange
720243-02-4	Coding star gray

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Counterpart of

P/N	Designation
311691	RP013xxVBWN Typ 169

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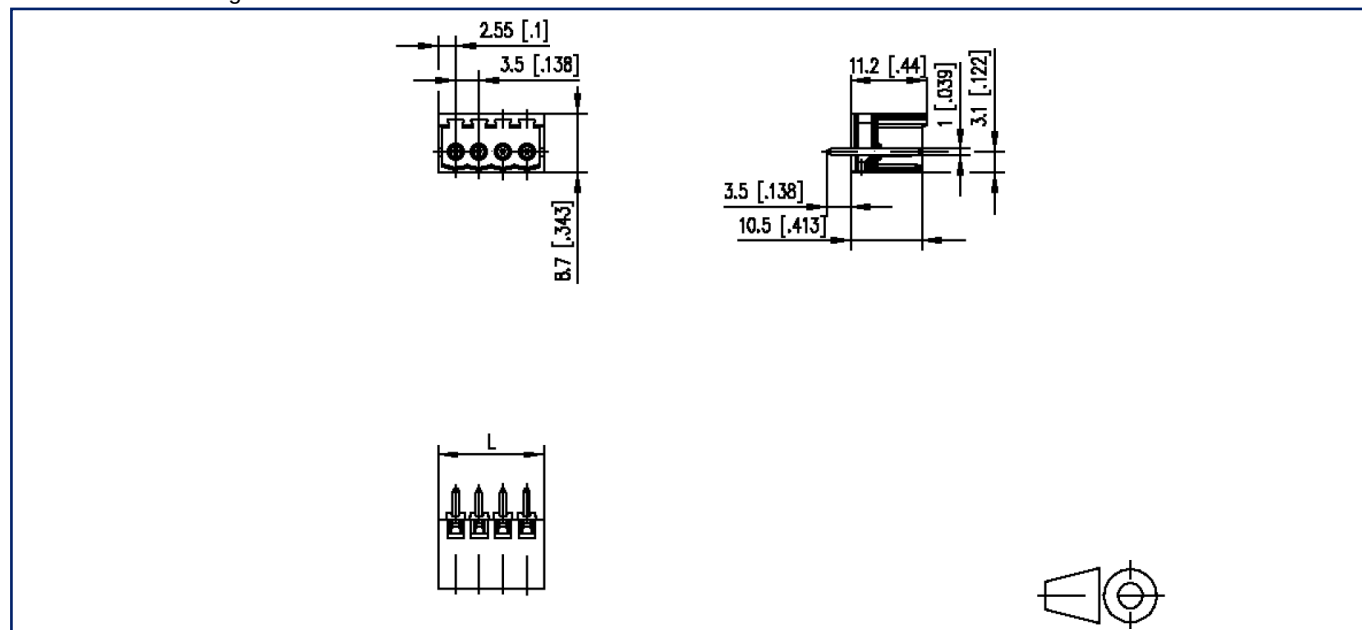
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Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5.1 \text{ mm} [0.201]$

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