

Data sheet

PR033xxVBHC Typ 224

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P/N

312241xx

xx=number of poles

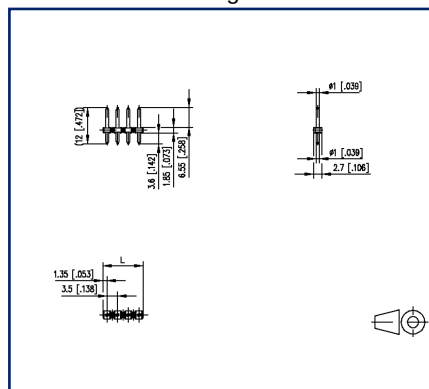
2021/09/15

Version: U

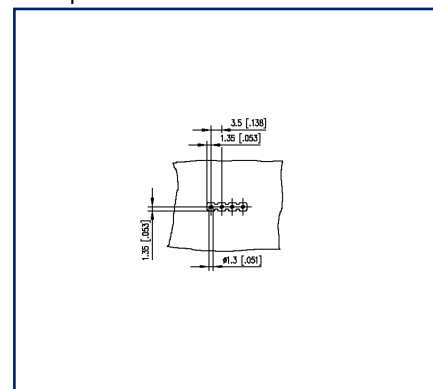
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- pin header, THR solderable
- centerline 3.50 mm, direction of connection vertical 0°
- fittable without loss of poles
- Tape & Reel packaging possible
- color black

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Technical Data

General Data

Solder pin length	3.6 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	2.5 mm		
Protection category	IP00		
Rated current	6 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 / 15
approval UL - File No.	E121004
 SEV Reg 130002	200 V / 2.5 kV / 6 A / 1.0 mm

Material

insulating material	PA46
flammability class	V0
contact pin material	CuZnPb
contact pin surface	Ni + Sn
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-
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 IPC/JEDEC J-STD-020D-MSL 1

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Counterpart of

P/N	Designation
311661	RP023xxHBWC Typ 166

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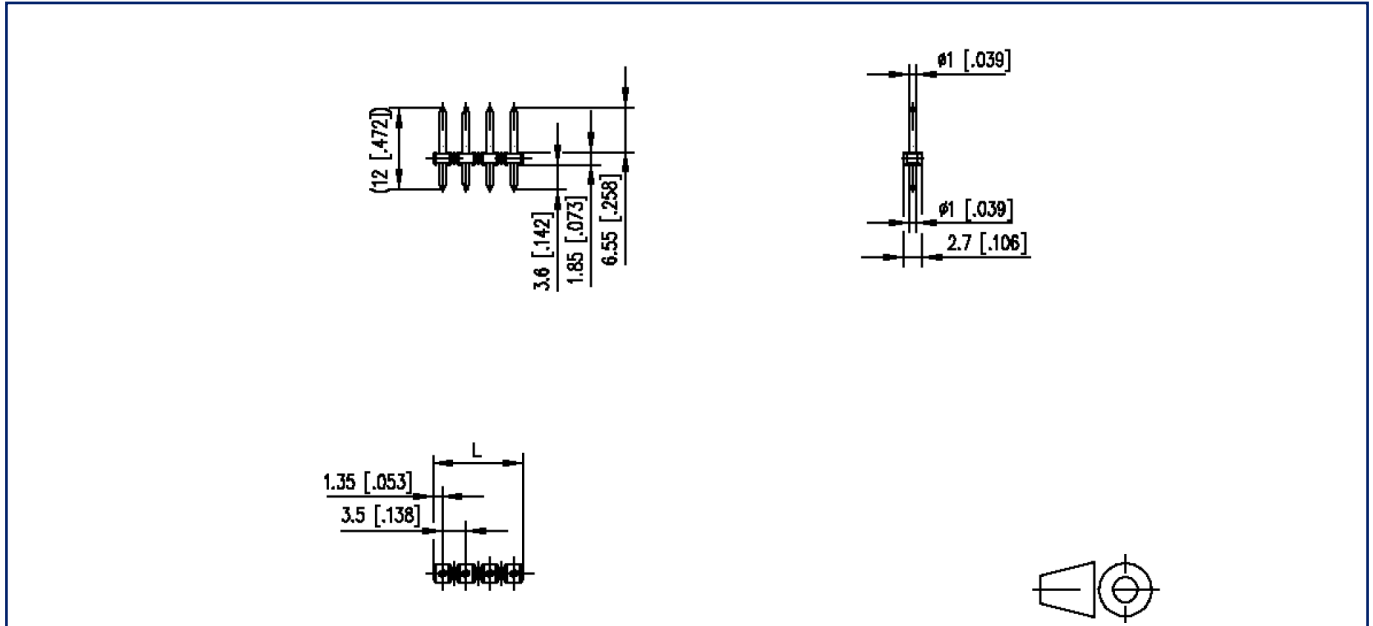
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Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 2.7 \text{ mm} [0.106]$



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Illustrations

Drill pattern

