

Data sheet

PT166xxVGDN Type 286

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P/N

312861xx

xx=number of poles

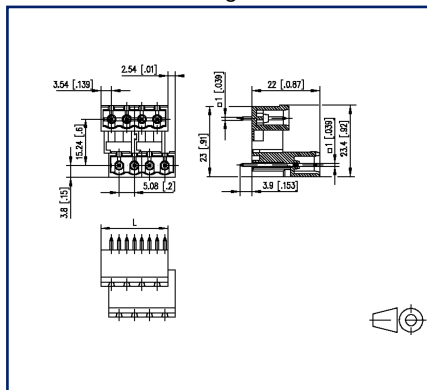
2023/06/28

Version: S

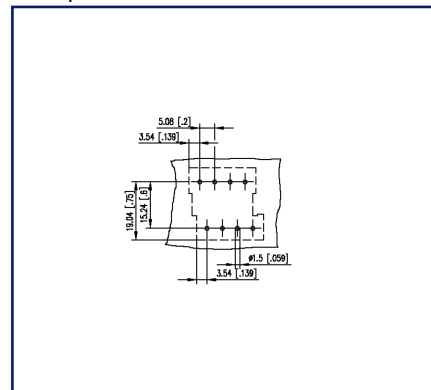
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 5.08 mm, direction of connection vertical 0°
- closed ends
- color green
- staggered pins, double stacked



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Technical Data

General Data

Solder pin length	3.9 mm		
min. number of poles	4		
max. number of poles	48		
Insulating material class	CTI 600		
clearance/creepage dist.	4.08 mm		
Protection category	IP00		
Rated current	12 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320 V	800 V	800 V
Rated test voltage	4 kV	4 kV	4 kV

Approvals

V / A

approval UL - File No. 300 / 15
E121004



1.5 mm²

320 V / 4 kV / 13.5 A / 1.0 x 1.0 mm

Material

insulating material	PA66
flammability class	V0
contact pin material	CuSn
contact pin surface	Ni + 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

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
700523-0157	Geh_Kappe_swg_Block

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Counterpart of

P/N	Designation
312141	RP036xxHBLD Type 214
312501	RP016xxSBLC Typ 250
ASP046	SP046xxVBNC ASP046

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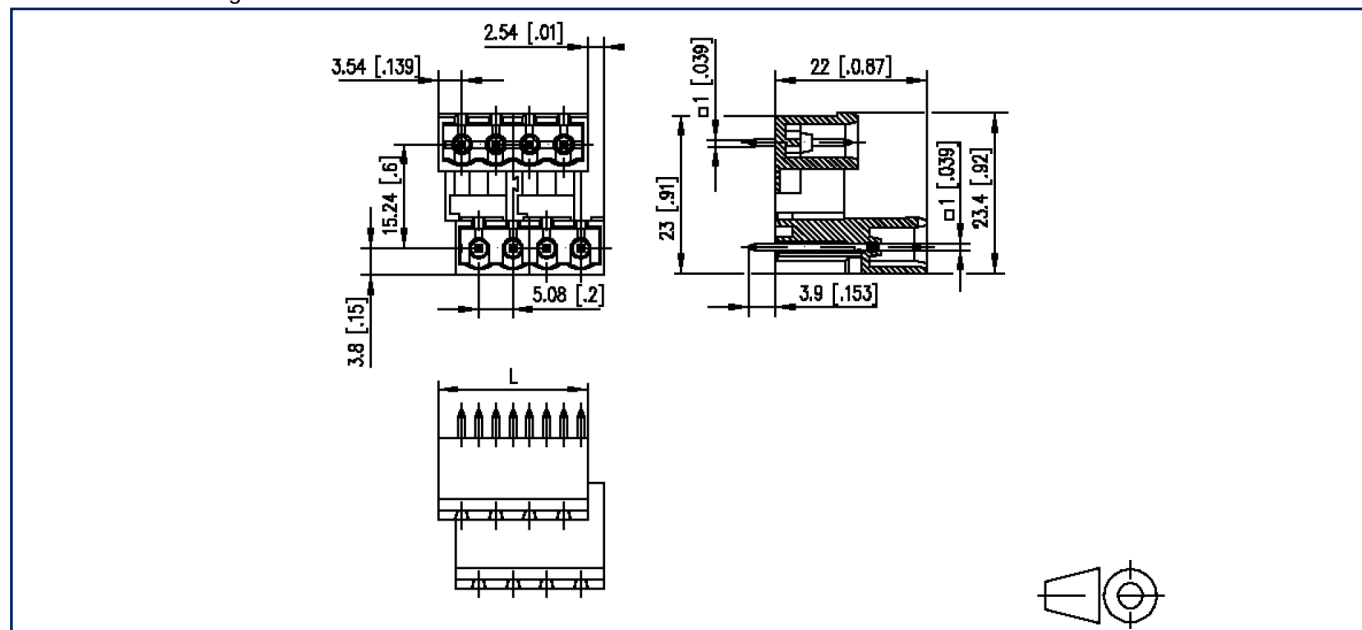
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Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 7.08 \text{ mm} [0.279]$



Illustrations

Drill pattern

