

Data sheet

PT105xxHGDN Type 280

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P/N

312801xx

xx=number of poles

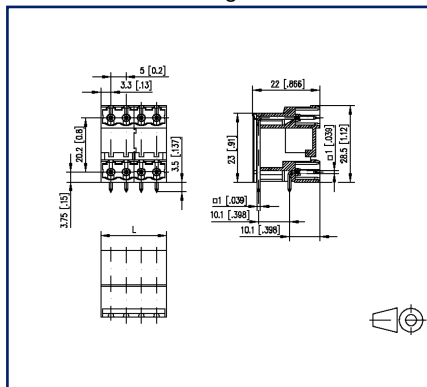
2023/06/28

Version: U

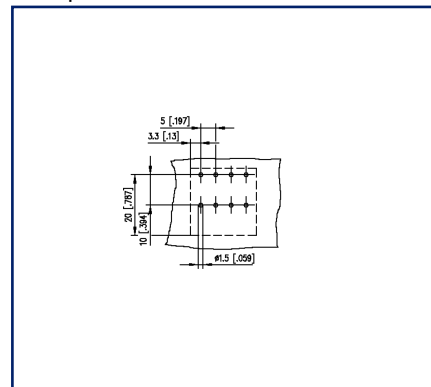
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 5.00 mm, direction of connection 90°
- closed ends
- color green
- two rows, equal poles



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Technical Data

General Data

Solder pin length	3.5 mm		
min. number of poles	4		
max. number of poles	48		
Insulating material class	CTI 600		
clearance/creepage dist.	4 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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Counterpart of

P/N	Designation
313141	RP035xxHBLD Type 314
31314103-08	RP035xxHBLD Typ 314
31314103-09	RP035xxHBLD Type 314
313491	RP015xxVBLC Type 349
313501	RP015xxSBLC Type 350
SP065XXVBNC	SP065xxVBNC
SP065XXVBPC	SP065xxVBPC
SP995XXVBNC	SP995xxVBNC

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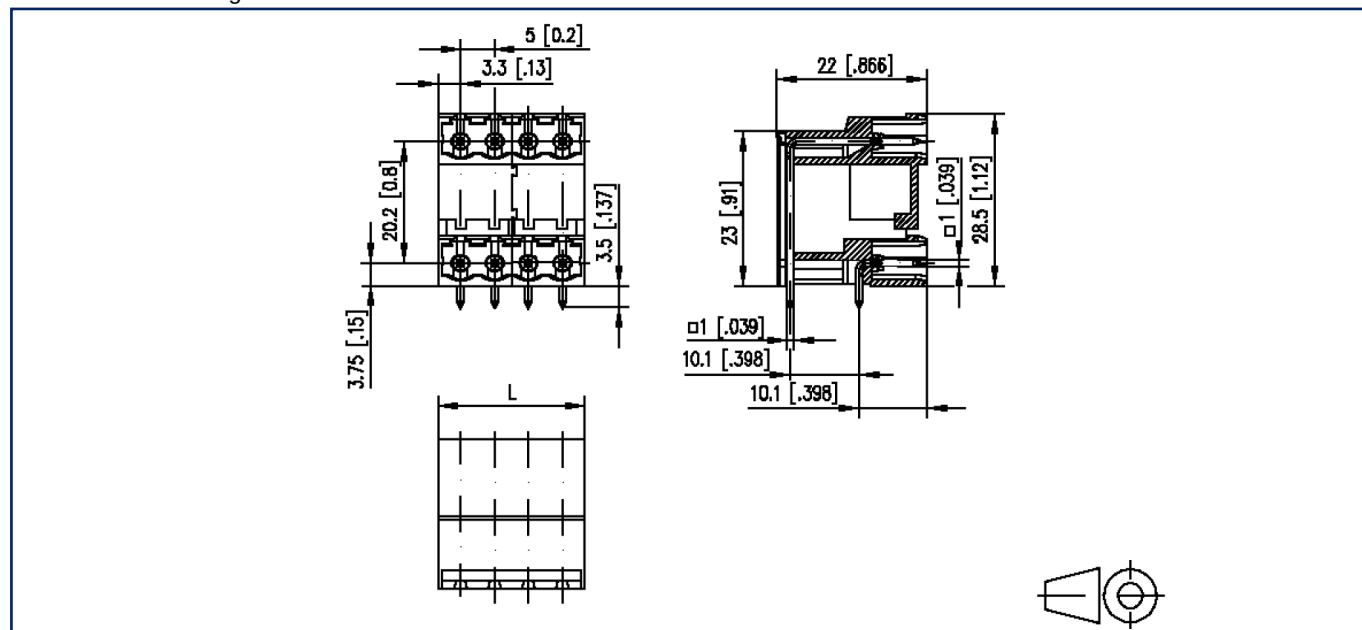
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$L = (\text{pole size} - 1) \times \text{centerline} + 6.6 \text{ mm} [0.26]$

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