

Data sheet

PT119xxVBBN Type 320

Page 1/7

P/N
313202xx

xx=number of poles

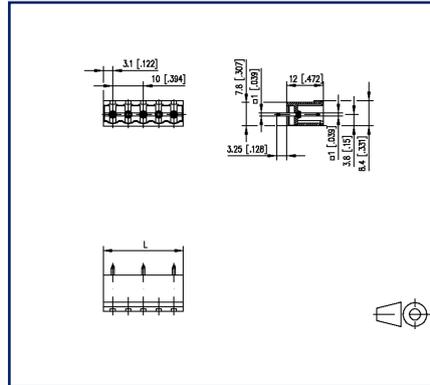
2025/08/22

Version: U

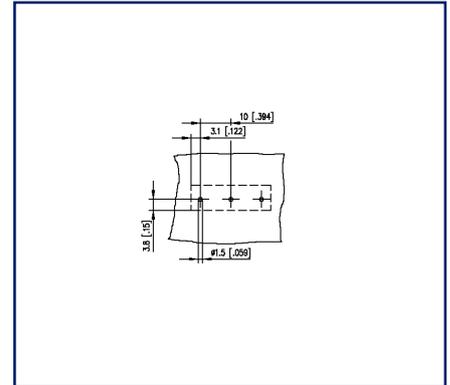
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 10.00 mm, direction of connection vertical 0°
- closed ends
- color black



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Technical Data

General Data

Solder pin length	3.25 mm		
min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 600		
clearance/creepage dist.	9 mm		
Protection category	IP00		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	630 V	1000 V	1000 V
Rated test voltage	8 kV	8 kV	8 kV

Approvals

 V / A	600 / 15
approval UL - File No.	E121004
	630 V / 6 kV / 13.5 A / 1.0 x 1.0 mm

Material

insulating material	PA66
flammability class	V0
contact pin material	CuFe
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

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

Application note

Data sheet

Page 3/7

PT119xxVBBN Type 320

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Version: U

Technical Data

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



Data sheet
PT119xxVBBN Type 320

Page 4/7

P/N
313202xx**xx=number of poles**

2025/08/22

Version: U

Accessories

P/N	Designation
700024-01-9	Coding star white



Data sheet
PT119xxVBBN Type 320

Page 5/7

P/N
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2025/08/22

Version: U

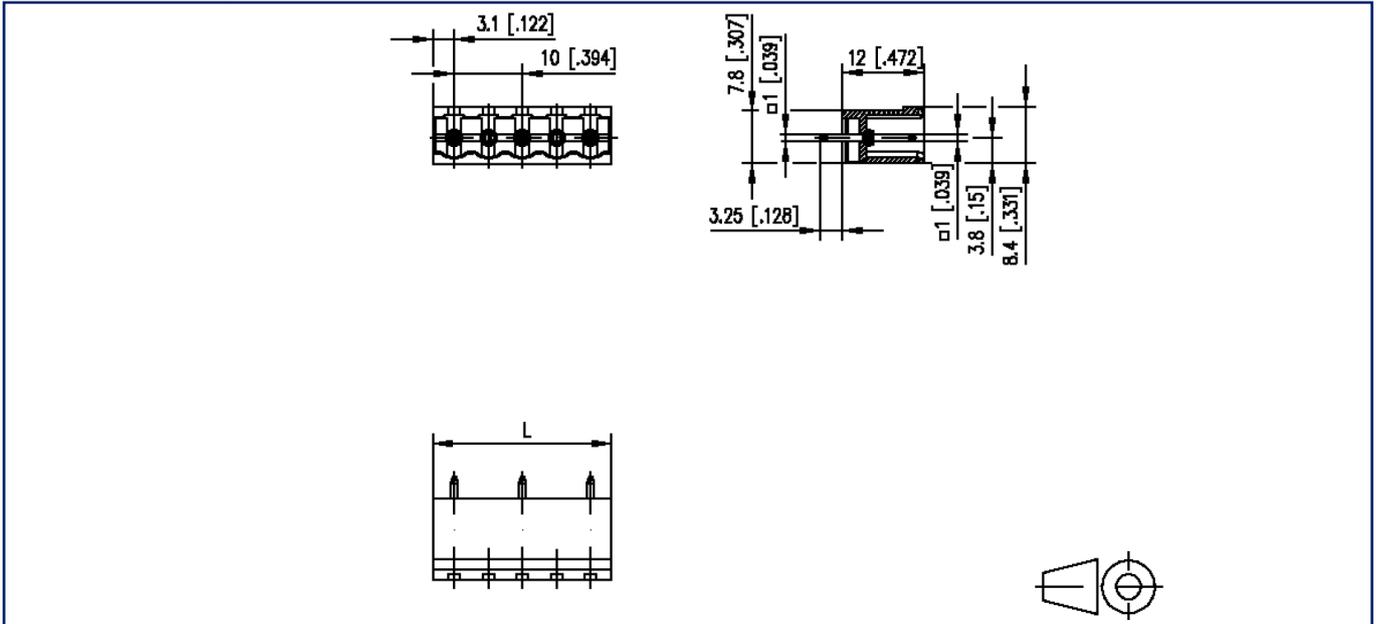
Counterpart of

P/N	Designation
313132	RP039xxHBLC Type 313
313142	RP039xxHBLD Typ 314
313492	RP019xxVBLC Type 349
313502	RP019xxSBLC Typ 350
ASP049	SP049xxVBNC ASP049

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Dimensional drawing as an example



$$L = (\text{pole size} - 1) \times \text{centerline} + 6.2 \text{ mm} [0.244]$$

Data sheet
PT119xxVBBN Type 320

Page 7/7

P/N
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2025/08/22
Version: U

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Drill pattern as an example

