

Data sheet

PT11AxxHBBN Type 230

Page 2/7

P/N
312302xx

xx=number of poles

2025/08/22

Version: V

Technical Data

General Data

Solder pin length	3.45 mm		
min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 600		
clearance/creepage dist.	9.18 mm		
Protection category	IP00		
Rated current	16 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



600 / 15

approval UL - File No.

E121004



630 V / 6 kV / 16 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

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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

Page 4/7

PT11AxxHBBN Type 230

P/N

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Accessories

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



Data sheet

Page 5/7

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Counterpart of

P/N	Designation
312132	RP03AxxHBLC Type 213
312142	RP03AxxHBLD Type 214
312492	RP01AxxVBLC Type 249
312502	RP01AxxSBLC Typ 250
ASP04A	SP04AxxVBNC ASP04A



Data sheet

PT11AxxHBBN Type 230

Page 6/7

P/N

312302xx

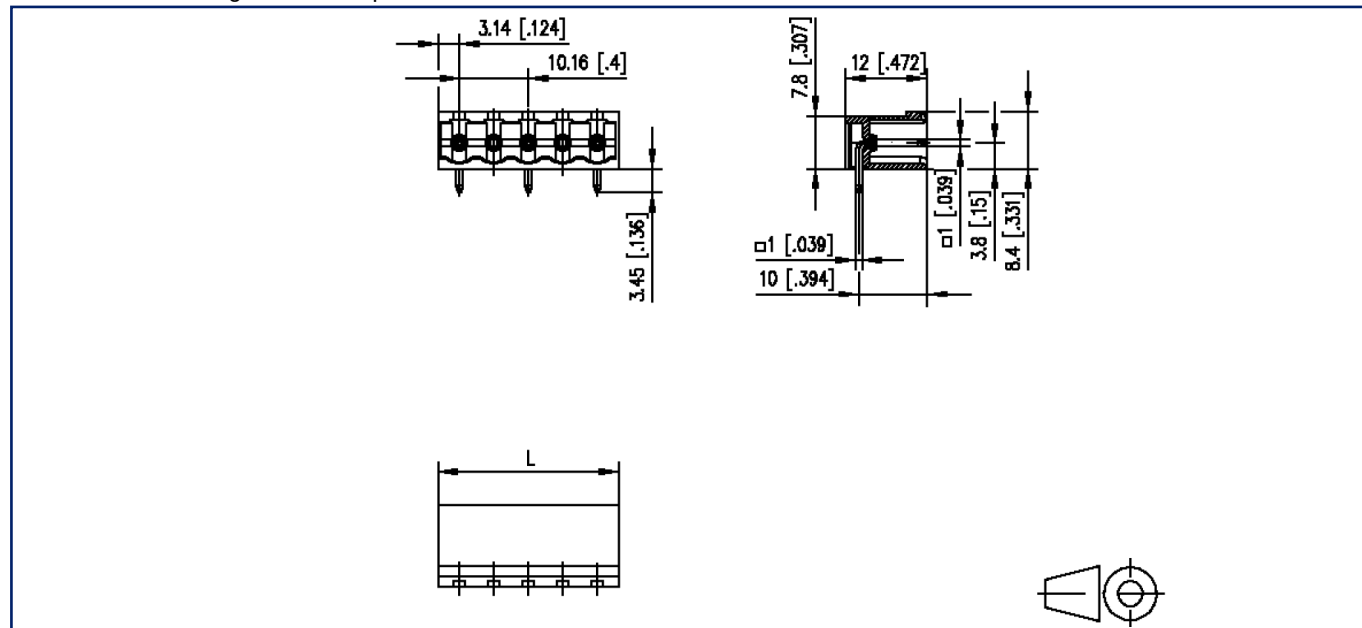
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Illustrations

Dimensional drawing as an example



$L = (\text{pole size} - 1) \times \text{centerline} + 6.28 \text{ mm} [0.247]$



Data sheet PT11AxxHBBN Type 230

Page 7/7

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Illustrations

Drill pattern as an example

