

U | Contact

Data sheet

PT116xxHBBN Type 230

Page 1/6

P/N

312301xx

xx=number of poles

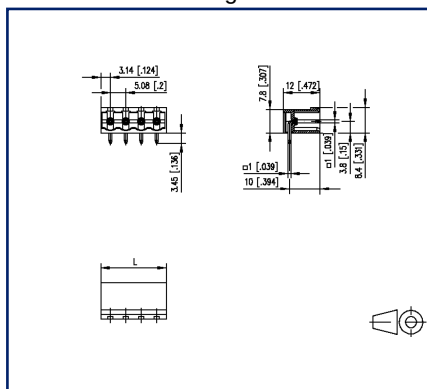
2023/06/26

Version: W

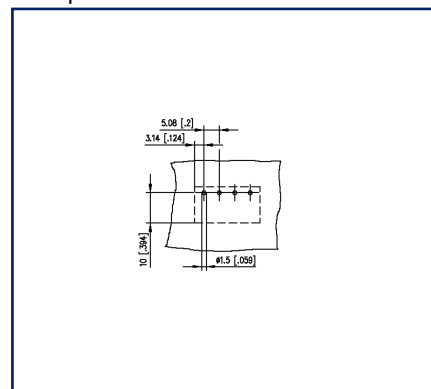
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 5.08 mm, direction of connection 90°
- closed ends
- color black
- codeable



METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany

Phone +49 7702 533-0 | Fax +49 7702 533-433

Weitere Dokumentation siehe / additional documentation see /
documentation supplémentaire voir www.metz-connect.com



U | Contact

Data sheet PT116xxHBBN Type 230

Page 2/6

P/N
312301xx

xx=number of poles

2023/06/26

Version: W

Technical Data

General Data			
Solder pin length	3.45 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	4.08 mm		
Protection category	IP00		
Rated current	13.5 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	300 / 15		
approval UL - File No.	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	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		

U | Contact

Data sheet

Page 3/6

PT116xxHBBN Type 230

P/N

312301xx**xx=number of poles**

2023/06/26

Version: W

Accessories

P/N	Designation
700024-01-9	Coding star white
700523-0157	Geh_Kappe_swg_Block

U | Contact

Data sheet

PT116xxHBBN Type 230

Page 4/6

P/N

312301xx

xx=number of poles

2023/06/26

Version: W

Counterpart of

P/N	Designation
312131	RP036xxHBLC Type 213
312141	RP036xxHBLD Type 214
312491	RP016xxVBLC Type 249
312501	RP016xxSBLC Typ 250
ASP046	SP046xxVBNC ASP046



U | Contact

Data sheet

PT116xxHBBN Type 230

Page 5/6

P/N

312301xx

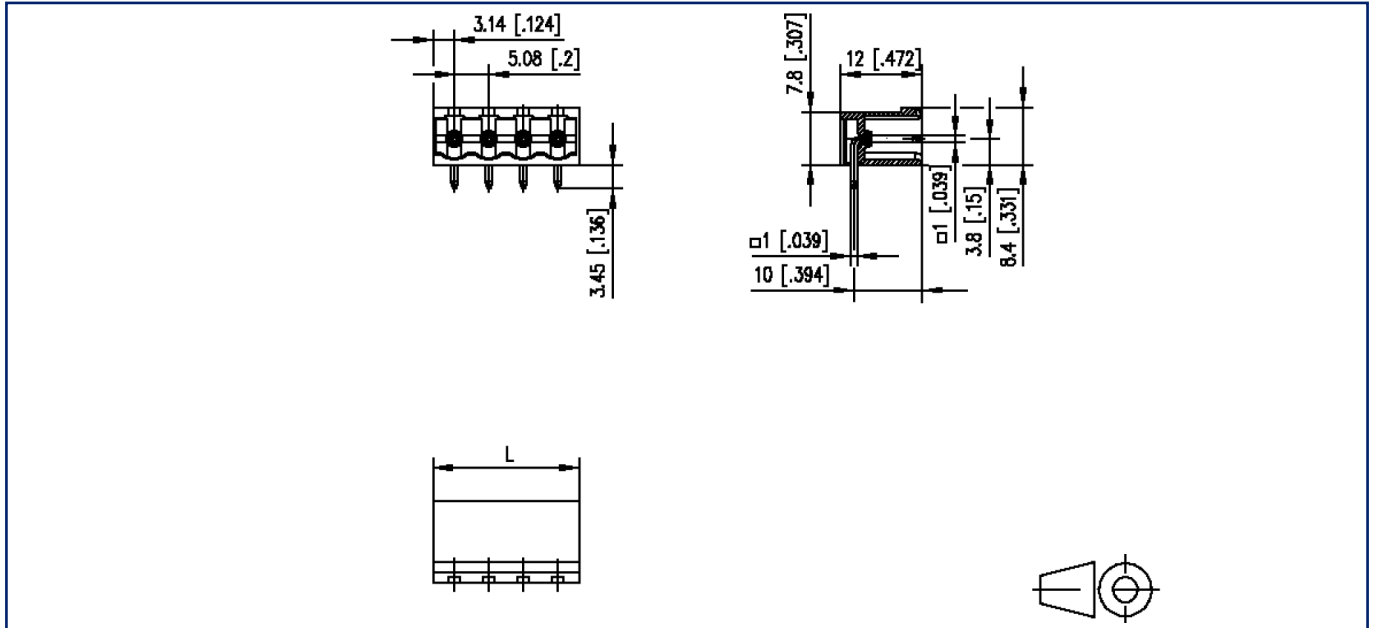
xx=number of poles

2023/06/26

Version: W

Illustrations

Dimensional drawing



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



U | Contact

Data sheet

PT116xxHBBN Type 230

Page 6/6

P/N

312301xx

xx=number of poles

2023/06/26

Version: W

Illustrations

Drill pattern

