

Data sheet PT116xxHBBN Type 230

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P/N 312301xx

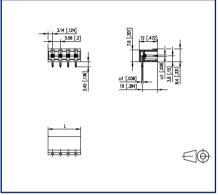
xx=number of poles

2025/08/22 Version: Z

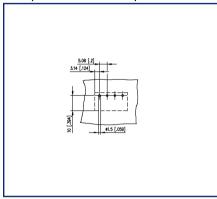
Illustrations



Dimensional drawing as an example



Drill pattern as an example





See enlarged drawings at the end of document

Product specification

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







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			Vers		
Technical Data					
General Data	2.45 mm	2.45			
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	6 kV	6 kV	6 kV		
Approvals					
US V/A	300 / 15	300 / 15			
approval UL - File No.	E121004	E121004			
SEV	320 V / 4 kV	320 V / 4 kV / 13.5 A / 1.0 x 1.0 mm			
Material					
insulating material	PA66	PA66			
flammability class	V0	V0			
contact pin material	CuFe	CuFe			
contact pin surface	Ni + Ag	Ni + Ag			
Glow-Wire Flammability GWFI	960 °C acc. to	960 °C acc. to IEC 60695-2-12			
Glow-Wire Flammability GWIT	775 °C acc. to	775 °C acc. to IEC 60695-2-13			
Climatic Data					
upper limit temperature	105 °C	105 °C			
lower limit temperature	-40 °C	-40 °C			
general					
Tolerance	ISO 2768 -ml	ISO 2768 -mH			
Solderability	Acc. to JEDE	Acc. to JEDEC JESD22-B102E 245°C/5s			
Application note					







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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.).





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Accessories

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





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Counterpart of

P/N	Designation	
312131	RP036xxHBLC Type 213	
312141	RP036xxHBLD Type 214	
312491	RP016xxVBLC Type 249	
312501	RP016xxSBLC Typ 250	
ASP046	SP046xxVBNC ASP046	
ASP0460222	SP046xxVBNC ASP046	
ASP0460322	SP046xxVBNC ASP046	
ASP0460422	SP046xxVBNC ASP046	
ASP0460522	SP046xxVBNC ASP046	
ASP0460622	SP046xxVBNC ASP046	
ASP0460722	SP046xxVBNC ASP046	
ASP0460822	SP046xxVBNC ASP046	
ASP0460922	SP046xxVBNC ASP046	
ASP0461022	SP046xxVBNC ASP046	
ASP0461122	SP046xxVBNC ASP046	
ASP0461222	SP046xxVBNC ASP046	



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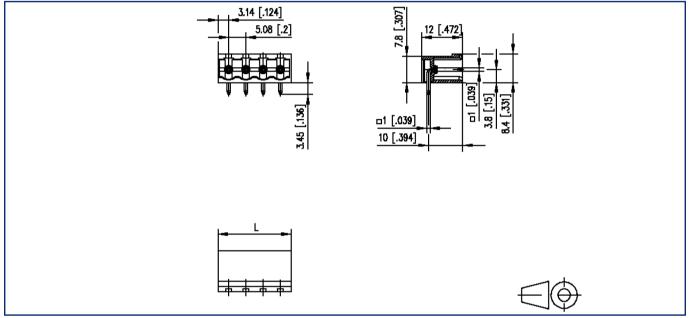
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Illustrations

Dimensional drawing as an example



L=(pole size - 1) x centerline + 6.28 mm [0.247]

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Illustrations

Drill pattern as an example

