

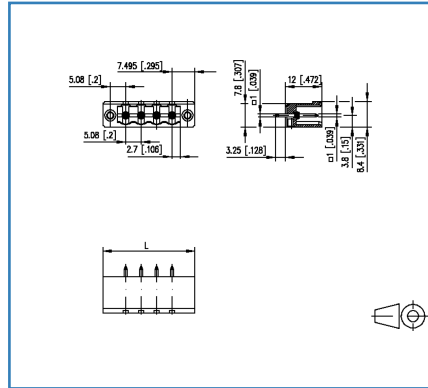
Data sheet

PT116xxVBBF Typ 235

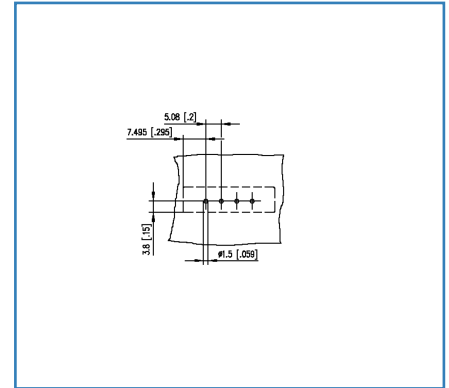
Illustrations



Dimensional drawing



Drill pattern





See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 5.08 mm, direction of connection vertical 0°
- closed ends
- color black, mounting flange
- codeable

Technical Data

General Data			
Solder pin length	3.25 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		
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 mm ²	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

Data sheet PT116xxVBBF Typ 235

Page 3/6

P/N
312351xx

xx=number of poles

2019/10/28

Version: Q

Accessories

P/N	Designation
700024-01-9	700024
700523-0157	Geh_Kappe_swg_Block

© 2019 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!



Data sheet PT116xxVBBF Typ 235

Page 4/6

P/N
312351xx

xx=number of poles

2019/10/28

Version: Q

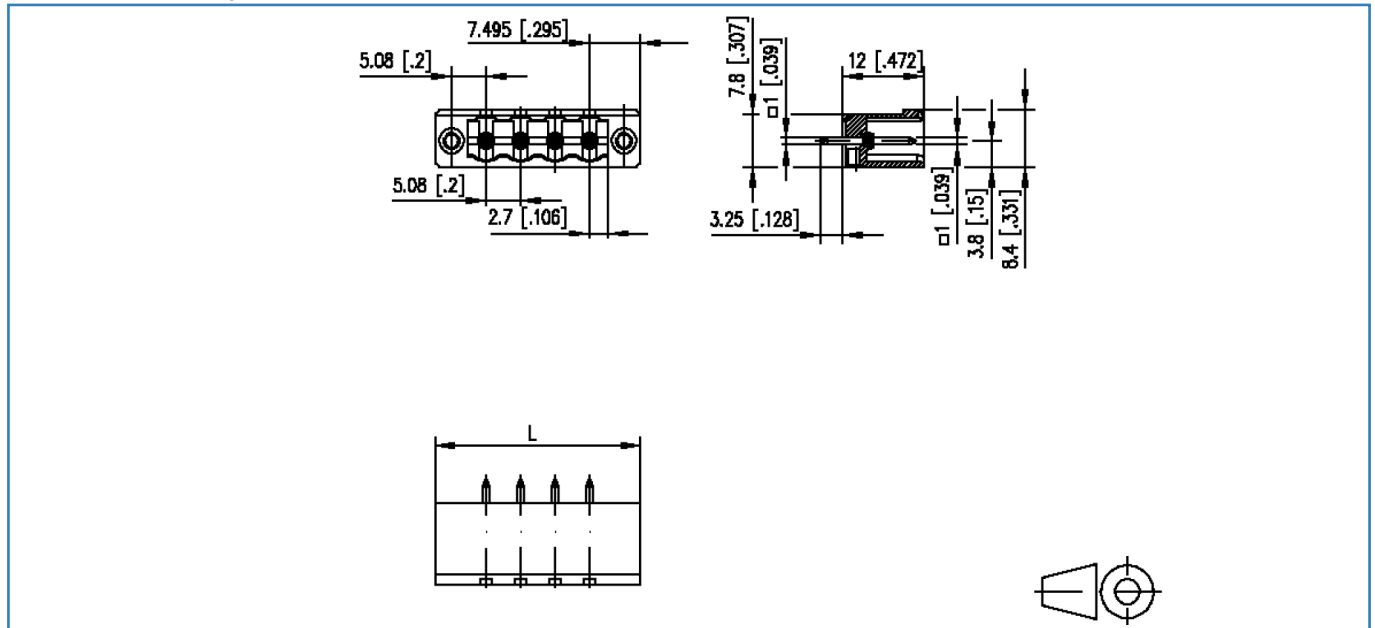
Counterpart of

P/N	Designation
312171	RP036xxHBLF Typ 217
312181	RP036xxHBLS Typ 218
312511	RP016xxVBLF Typ 251
SP066XXVBNF	SP066xxVBNF
SP066XXVBPF	SP066xxVBPF



Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 14.99 \text{ mm} [0.59]$

© 2019 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

Illustrations

Drill pattern

