

Data sheet

PR016xxVBHC Type 018

Page 1/6

P/N
310181xx

xx=number of poles

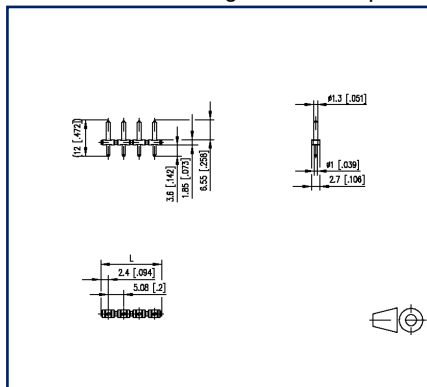
2025/08/21

Version: AC

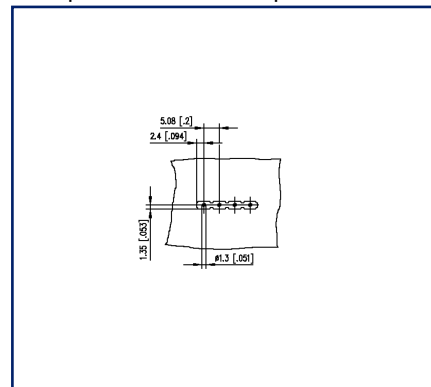
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

- pin header, THR solderable
- centerline 5.08 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- Tape & Reel packaging possible



Data sheet
PR016xxVBHC Type 018

Page 2/6

P/N
310181xx
xx=number of poles
2025/08/21
Version: AC

Technical Data

General Data

Solder pin length	3.6 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 400		
clearance/creepage dist.	3.78 mm		
Protection category	IP00		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	250 V	500 V	500 V
Rated test voltage	4 kV	4 kV	4 kV

Approvals

 UL ® V / A	300 / 15
approval UL - File No.	E121004
	250 V / 4 kV / 10 A / 1.0 mm

Material

insulating material	PA
flammability class	V0
contact pin material	CuZnPb
contact pin surface	Ni + Ag
Glow-Wire Flammability GWFI	850 °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	reflowable

Application note

Data sheet

Page 3/6

PR016xxVBHC Type 018

P/N

310181xx

xx=number of poles

2025/08/21

Version: AC

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

Page 4/6

PR016xxVBHC Type 018

P/N

310181xx**xx=number of poles**

2025/08/21

Version: AC

Counterpart of

P/N	Designation
310791	RP026xxIBWU Type 079



Data sheet

PR016xxVBHC Type 018

Page 5/6

P/N

310181xx

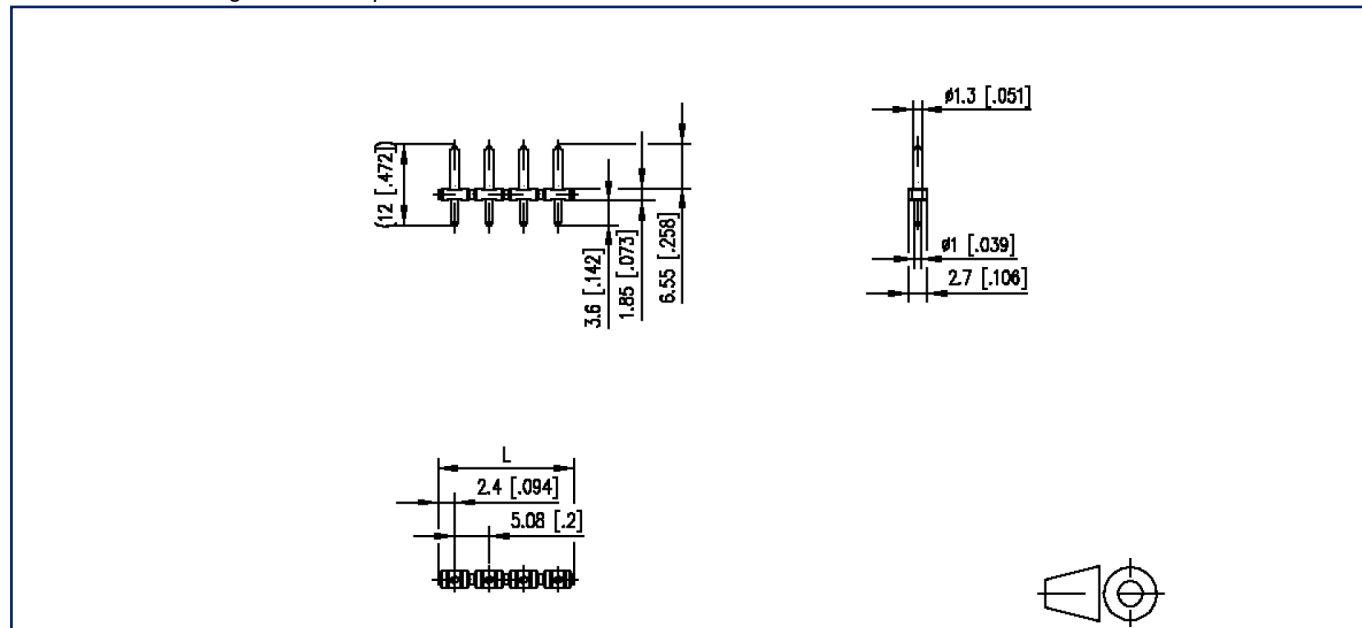
xx=number of poles

2025/08/21

Version: AC

Illustrations

Dimensional drawing as an example



$L = (\text{pole size} - 1) \times \text{centerline} + 4.8 \text{ mm} [0.189]$

Data sheet PR016xxVBHC Type 018

Page 6/6

P/N
310181xx

xx=number of poles

2025/08/21

Version: AC

Illustrations

Drill pattern as an example

