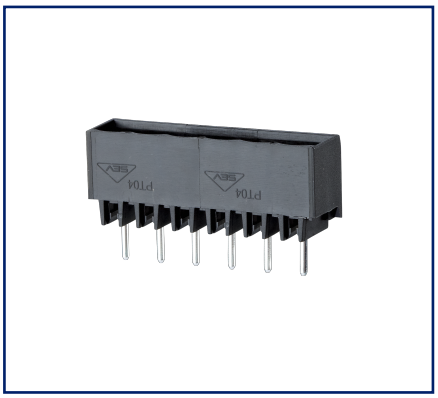
Data sheet

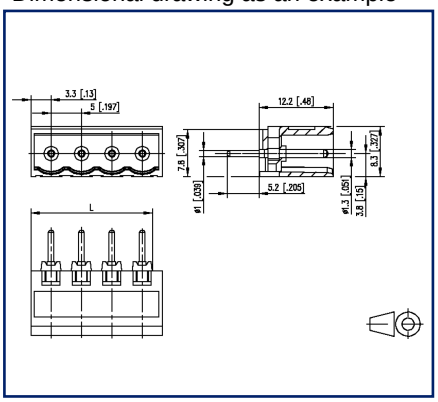
PT045xxVBBN Type 020

P/N
310201xx
xx=number of poles
2026/11/12
Version: Z

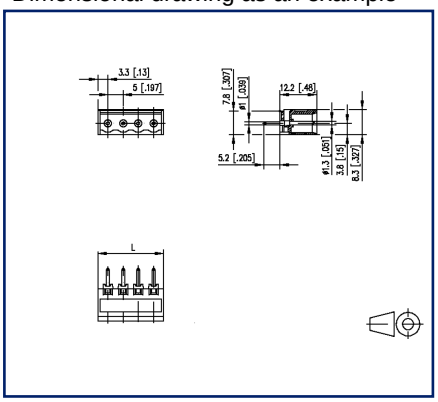
Illustrations



Dimensional drawing as an example



Dimensional drawing as an example



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 5.00 mm, direction of connection vertical 0°
- closed ends
- color black

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

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Technical Data

General Data			
Solder pin length	5.2 mm		
min. number of poles	2		
max. number of poles	22		
Insulating material class	CTI 600		
clearance/creepage dist.	3.7 mm		
Protection category	IP00		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	250 V	630 V	630 V
Rated test voltage	4 kV	4 kV	4 kV
Approvals			
c UL us V / A	300 / 15		
approval UL - File No.	E121004		
SEV	250 V / 4 kV / 10 A / 1.0 mm		
Material			
insulating material	PA66		
flammability class	V0		
contact pin material	CuZnPb		
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			

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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.

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Counterpart of

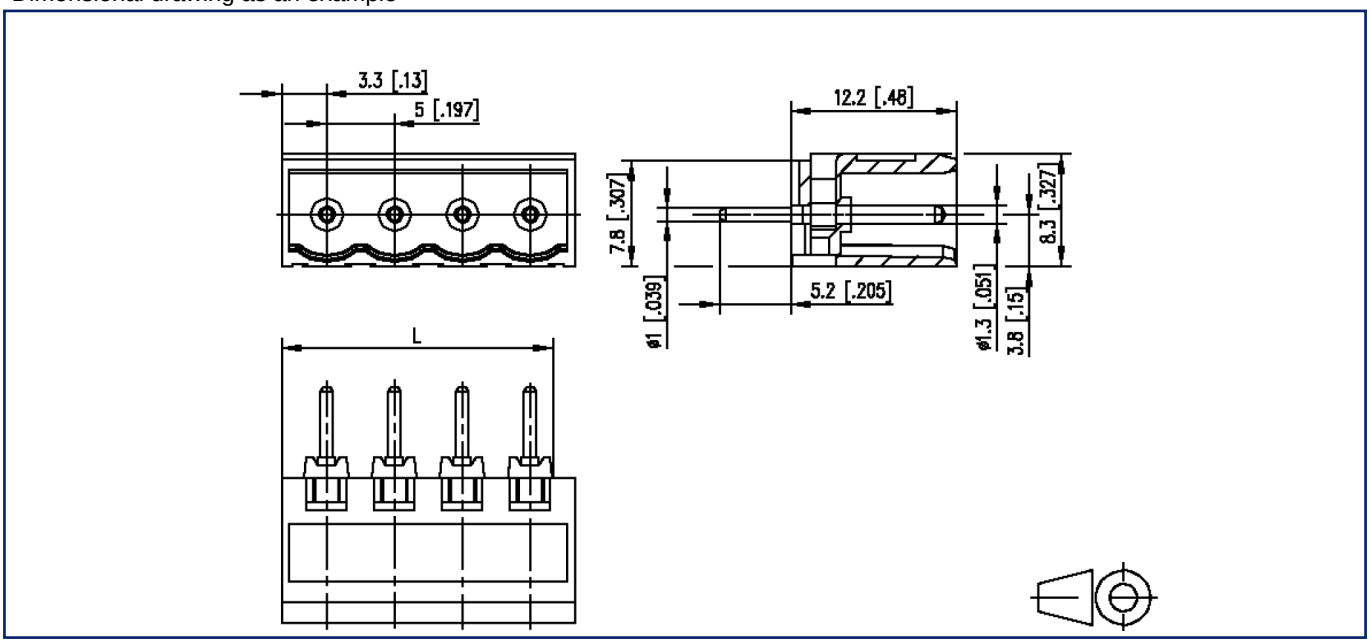
P/N	Designation
310091	RP015xxWBWC (Type 009)
310101	RP015xxWBNC Typ 010
310131	RP035xxIBLN Type 013
310261	FT085xxVBFC Type 026
310491	RP015xxWBLC Type 049
313481	RP085xxVBLC (Type 348)
31348103	RP08503VBLC (Type 348), 3-pole
31348104	RP08504VBLC (Type 348), 4-pole
31348105	RP08505VBLC (Type 348), 5-pole
31348106	RP08506VBLC (Type 348), 6-pole
SP995XXVBNC	SP995xxVBNC

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Illustrations

Dimensional drawing as an example



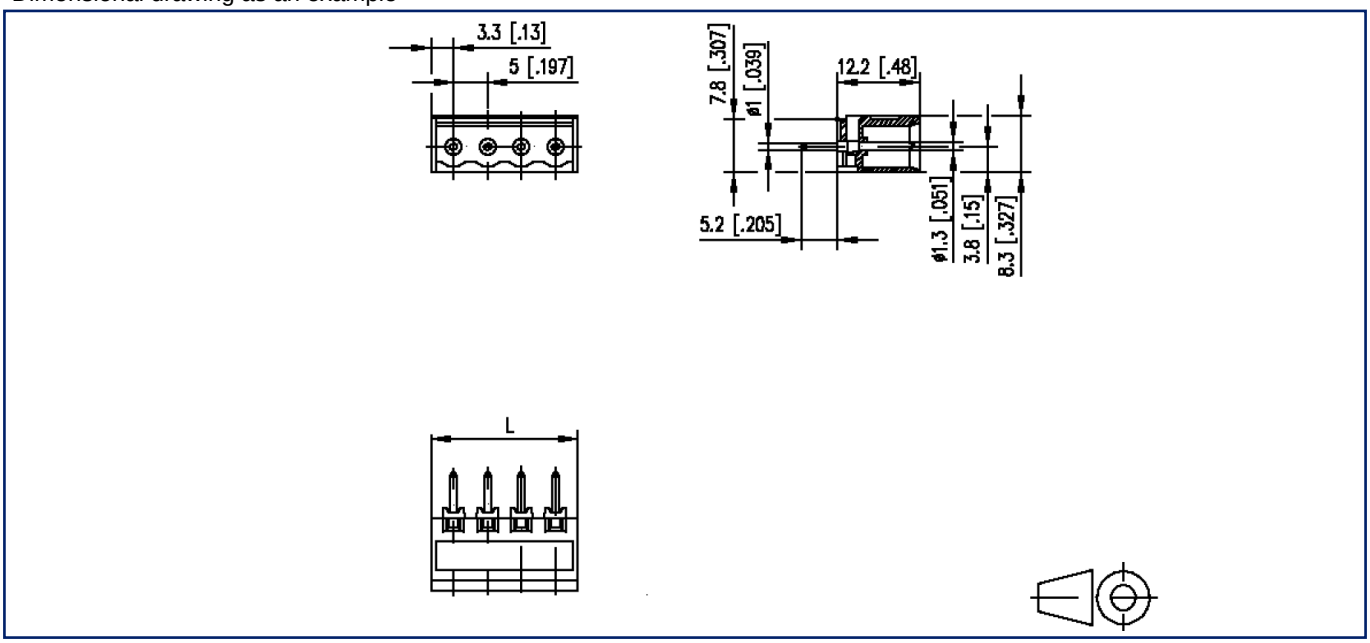
L=(pole size - 1) x centerline + 6.6 mm [0.26]

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Illustrations

Dimensional drawing as an example

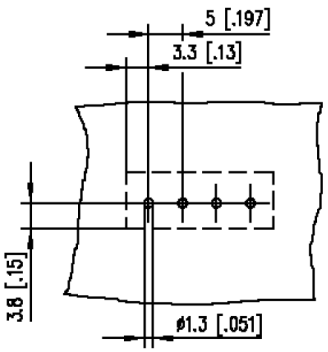


L=(pole size - 1) x centerline + 6.6 mm [0.26]

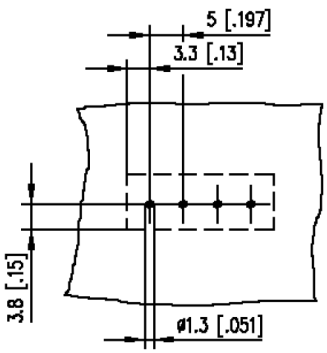
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Illustrations

Drill pattern as an example



Drill pattern as an example



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