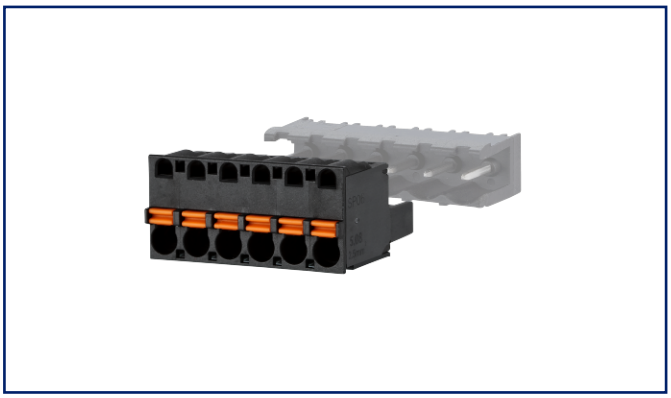
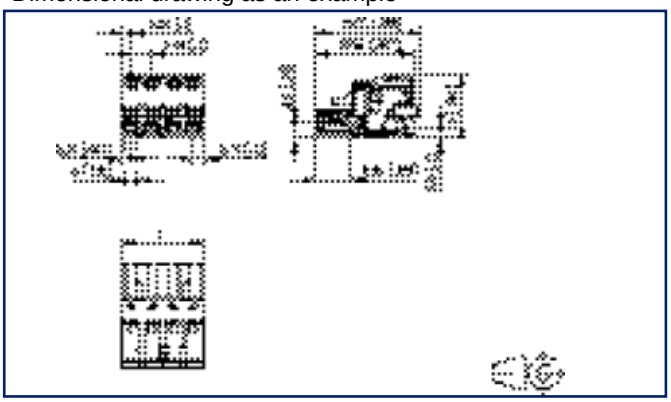
Data sheet
SP066xxVBNC

P/N
SP066XXVBNC
xx=number of poles
2026/11/23
Version: J

Illustrations



Dimensional drawing as an example



See enlarged drawings at the end of document

Product specification

- spring clamp terminal block, pluggable
- centerline 5.08 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- push-button, wire entry uncodeable side parallel to plug direction

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Technical Data

General Data			
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	3.58 mm		
Protection category	IP20		
Insul. strip length	10 mm		
Rated current	12 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
Terminal data			
rat.wiring solid AWGmax	0.08 mm² - 2.5 mm² / AWG 28 - AWG 12		
rat.wiring strand.AWGmax	0.08 mm² - 2.5 mm² / AWG 28 - AWG 12		
Approvals			
V / A / AWG	300 / 12 / 28 - 12		
approval UL - File No.	E121004		
	250 V / 4 kV / 12 A		
Material			
insulating material	PA66		
flammability class	V0		
spring material	Spring steel		
contact material	CuSn		
Contact surface	Sn		
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12		
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13		
Ball pressure test	125 °C acc. to IEC 60695-10-2		
Climatic Data			
upper limit temperature	105 °C		
lower limit temperature	-40 °C		

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Technical Data

general

Tolerance	ISO 2768 -mH

Application note

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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Accessories

P/N	Designation
700025-01-5	Kodierstern blau mit 6 Kodierstiften F_Kodier_blp
700025-01-9	Coding star white with a group of 6 coding pins
840020-02	Drahtbrücke 0.8 RM 5.0 Drahtbrücke 0.8 RM 5.0

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Counterpart

P/N	Designation
311781	PR066xxHBBN Type 178
311791	PR066xxVBBN Type 179
312191	PT116xxVBEC Type 219
312201	PT116xxVBBN Type 220
314781	PR066xxHBEC Type 478
314791	PR066xxVBEC Type 479

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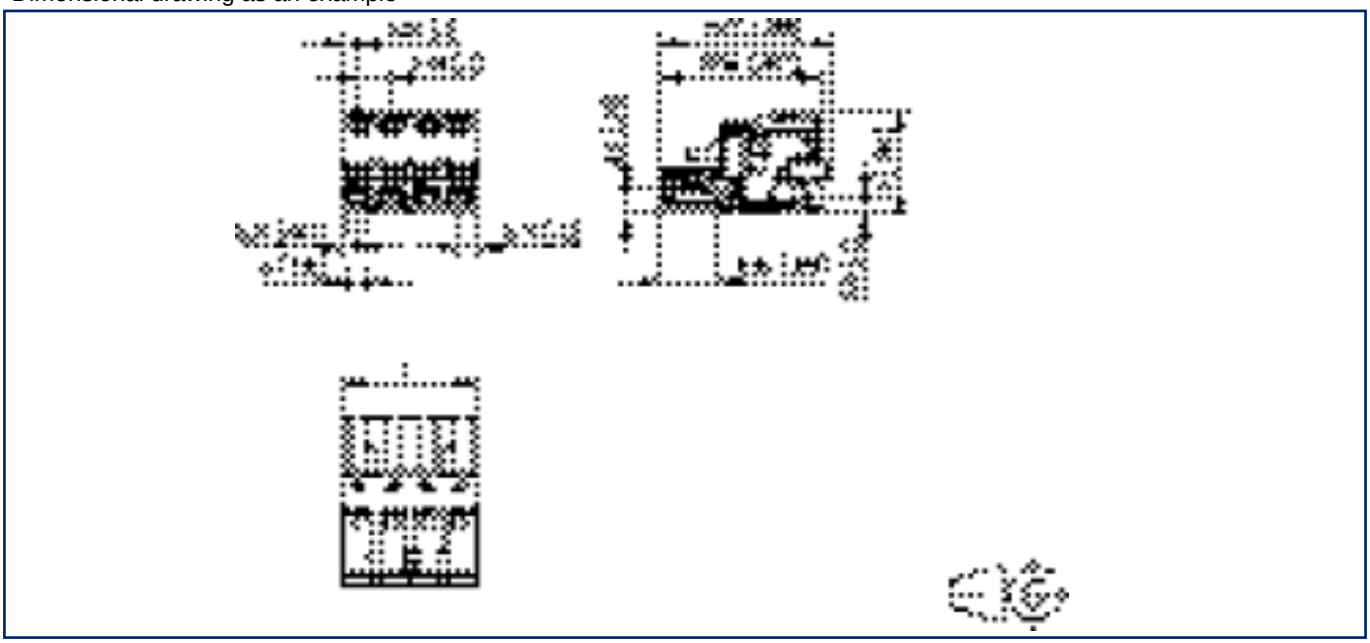
Illustrations

Dimensional drawing as an example



L=(pole size - 1) x centerline + 5.08 mm [0.2]

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