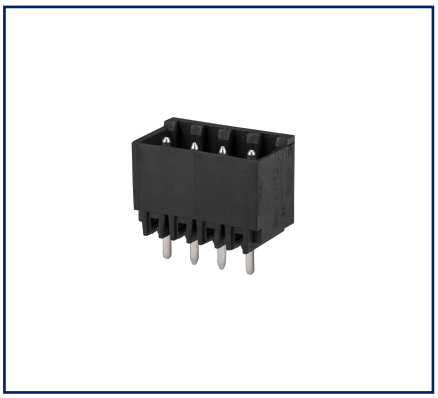
Data sheet

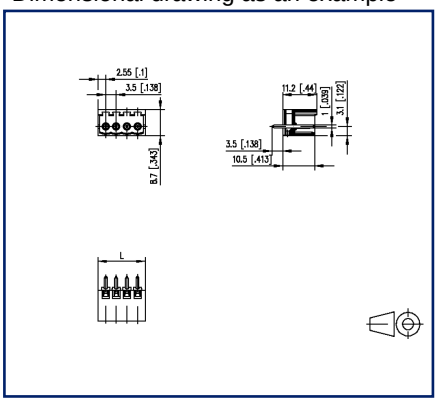
PT013xxVBBN Typ 181

P/N
311811xx
xx=number of poles
2026/11/13

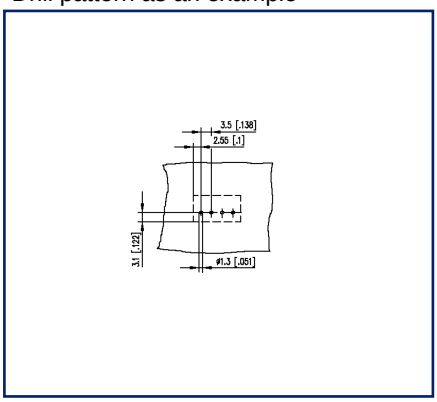
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 3.50 mm, direction of connection vertical 0°
- closed ends
- color black
- discontinued as of December 31, 2026

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

Technical Data

General Data			
Solder pin length	3.5 mm		
min. number of poles	2		
max. number of poles	18		
Insulating material class	CTI 600		
clearance/creepage dist.	2.5 mm		
Protection category	IP00		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	200 V	500 V	500 V
Rated test voltage	4 kV	4 kV	4 kV
Approvals			
c UL us V / A	300 / 10		
approval UL - File No.	E121004		
SEV *	125 V / 2.5 kV / 5 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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Accessories

P/N	Designation
720243-01-3	Coding star orange
720243-02-4	Coding star gray

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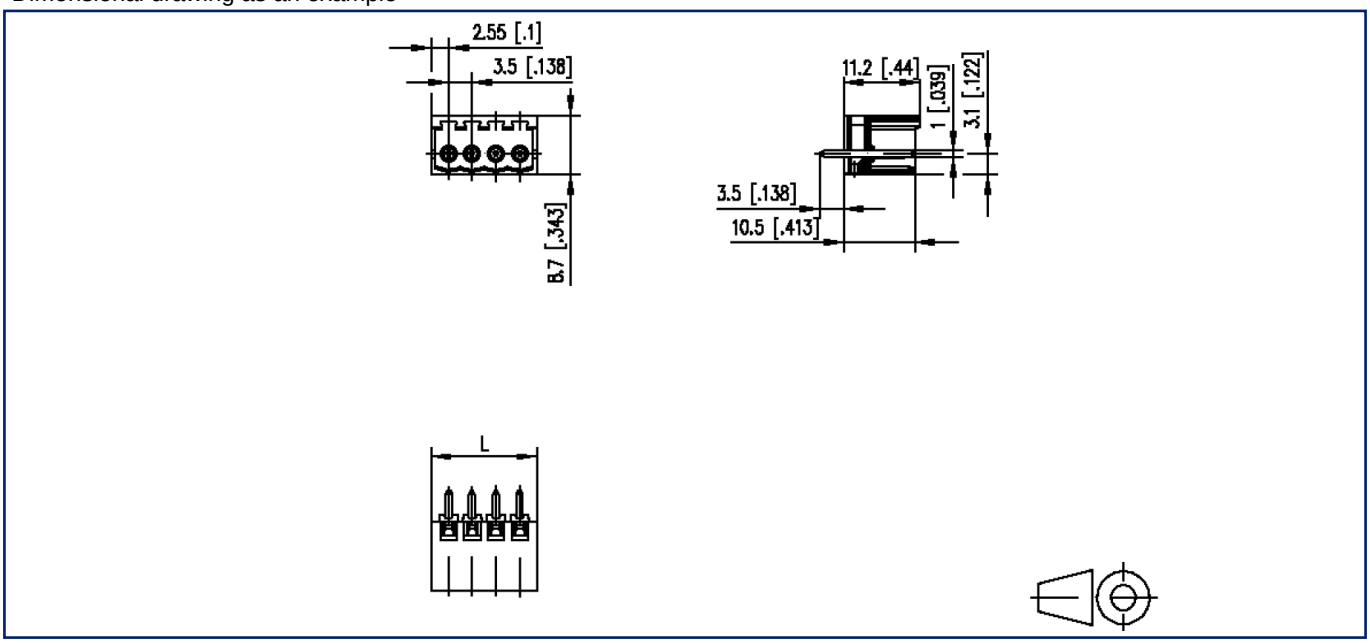
Counterpart of

P/N	Designation
311691	RP013xxVBWN Type 169
31169102	RP01302VBWN Type 169
31169103	RP01303VBWN Type 169
31169104	RP01304VBWN Type 169
31169105	RP01305VBWN Type 169
31169106	RP01306VBWN Type 169
31169107	RP01307VBWN Type 169
31169108	RP01308VBWN Type 169
31169109	RP01309VBWN Type 169
31169110	RP01310VBWN Type 169
31169112	RP01312VBWN Type 169
31169113	RP01313VBWN Type 169
31169115	RP01315VBWN Type 169

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Illustrations

Dimensional drawing as an example

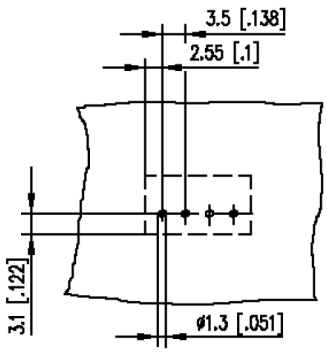


L=(pole size - 1) x centerline + 5.1 mm [0.201]

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Illustrations

Drill pattern as an example



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