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Data sheet PR065xxVBBN Type 177

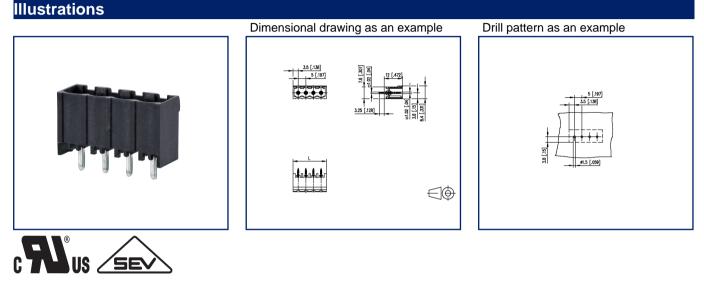


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xx=number of poles 2025/04/29

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See enlarged drawings at the end of document

Product specification

- pin header, THR solderable
- centerline 5.00 mm, direction of connection vertical 0°
- closed ends
- color black
- Tape & Reel packaging possible
- codeable

METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany Phone +49 7702 533-0 | Fax +49 7702 533-433 Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com



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Solder pin length 3.25 mm min. number of poles 2 max. number of poles 12 Insulating material class CTI 600 clearance/creepage dist. 4 mm Protection category IP00 Rated current 13.5 A Overvoltage category III II Pollution degree 3 2 2 Rated voltage 320 V 800 V 800 V Rated voltage 6 kV 6 kV 6 kV Approvals 5 5 5 Insulating material 900 / 15 5 5 approval UL - File No. E121004 5 5 Material 920 V / 4 kV / 13.5 A / 1.0 x 1.0 mm 5 minualiting material PA66/6T 5 5 flammability class V0 5 5 Contact pin surface Cuł + Sn 5 5 Glow-Wire Flammability GWFI 960 °C acc. to IEC 60:695-2-12 5 5 Glow-Wire Flammability GWFI 960 °C acc. to IEC 60:695-2-13 5 5 Cimatic Data 1	General Data					
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Rated test voltage6 kV6 kV6 kVApprovalsCNo'sV/A300 / 15approval UL - File No.E121004Image: Second	Pollution degree	3	2	2		
Approvals CNUS V/A 300 / 15 approval UL - File No. E121004 Image: Constant of the second s	Rated voltage	320 V	800 V	800 V		
NusV/A300 / 15approval UL - File No.E121004Image: State Sta	Rated test voltage	6 kV	6 kV	6 kV		
approval UL - File No.E121004Image: Second	Approvals					
Materialinsulating materialPA66/6Tflammability classV0contact pin materialCuMgcontact pin surfaceCu + SnGlow-Wire Flammability GWFI960 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperatureupper limit temperature105 °Clower limit temperature105 °Clower limit temperature105 °CSolderabilityISO 2768 -mHSolderabilityreflowable	C SUS V/A	300 / 15				
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Glow-Wire Flammability GWFI960 °C acc. to IEC 60695-2-12Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Data105 °Cupper limit temperature105 °Clower limit temperature-40 °CgeneralISO 2768 -mHSolderabilityreflowable	contact pin material		-			
Glow-Wire Flammability GWIT775 °C acc. to IEC 60695-2-13Climatic Dataupper limit temperature105 °Clower limit temperature-40 °CgeneralToleranceISO 2768 -mHSolderabilityreflowable	contact pin surface	Cu + Sn	Cu + Sn			
Climatic Dataupper limit temperature105 °Clower limit temperature-40 °CgeneralToleranceToleranceISO 2768 -mHSolderabilityreflowable	Glow-Wire Flammability GWFI	960 °C acc. to	960 °C acc. to IEC 60695-2-12			
upper limit temperature105 °Clower limit temperature-40 °CgeneralISO 2768 -mHSolderabilityreflowable	Glow-Wire Flammability GWIT	775 °C acc. to	775 °C acc. to IEC 60695-2-13			
Iower limit temperature-40 °CgeneralISO 2768 -mHSolderabilityreflowable	Climatic Data					
generalToleranceISO 2768 -mHSolderabilityreflowable	upper limit temperature	105 °C	105 °C			
Tolerance ISO 2768 -mH Solderability reflowable	lower limit temperature	-40 °C	-40 °C			
Solderability reflowable	general					
	Tolerance	ISO 2768 -mH	ISO 2768 -mH			
	Solderability	reflowable	reflowable			
Application note	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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).





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Accessories

P/N 700024-01-9 700523-0157

Designation

Coding star white Geh_Kappe_swg_Block





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Counterpart of			
P/N	Designation		
313131	RP035xxHBLC Type 313		
313141	RP035xxHBLD Type 314		
31314103-08	RP035xxHBLD Typ 314		
31314103-09	RP035xxHBLD Typ 314		
313491	RP015xxVBLC Type 349		
313501	RP015xxSBLC Type 350		
ASP045	SP045xxVBNC ASP045		
SP065XXVBNC	SP065xxVBNC		
SP065XXVBPC	SP065xxVBPC		
SP995XXVBNC	SP995xxVBNC		





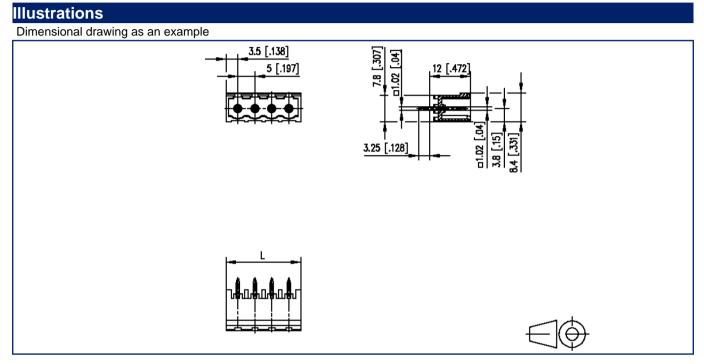
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L=(pole size - 1) x centerline + 7 mm [0.276]





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