

Data sheet

PM035xxVBHC Type 417

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P/N
314171xx22

xx=number of poles

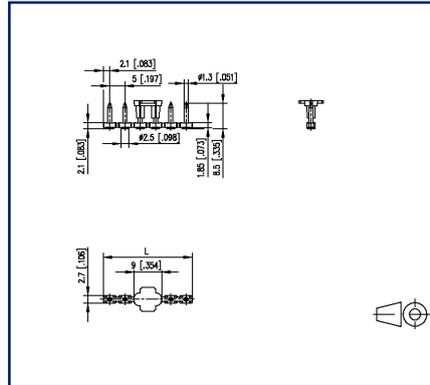
2025/08/22

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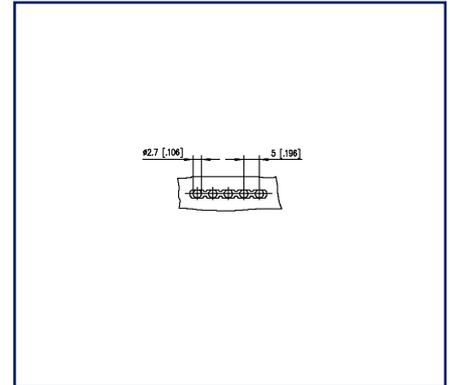
Illustrations



Dimensional drawing as an example



PCB-Layout



See enlarged drawings at the end of document

Product specification

- pin header, SMT solderable
- centerline 5.00 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- Tape & Reel packaging



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Technical Data

General Data

min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 400		
clearance/creepage dist.	2.5 mm		
Protection category	IP00		
Rated current	12 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	160 V	320 V	320 V
Rated test voltage	4 kV	4 kV	4 kV

Approvals

 V / A	300 / 15
approval UL - File No.	E121004

Material

insulating material	PA46
flammability class	V0
contact pin material	CuZn
contact pin surface	Ni + Sn
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-

Climatic Data

upper limit temperature	125 °C
lower limit temperature	-40 °C

general

Tolerance	ISO 2768 -mH
Solderability	reflowable

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. 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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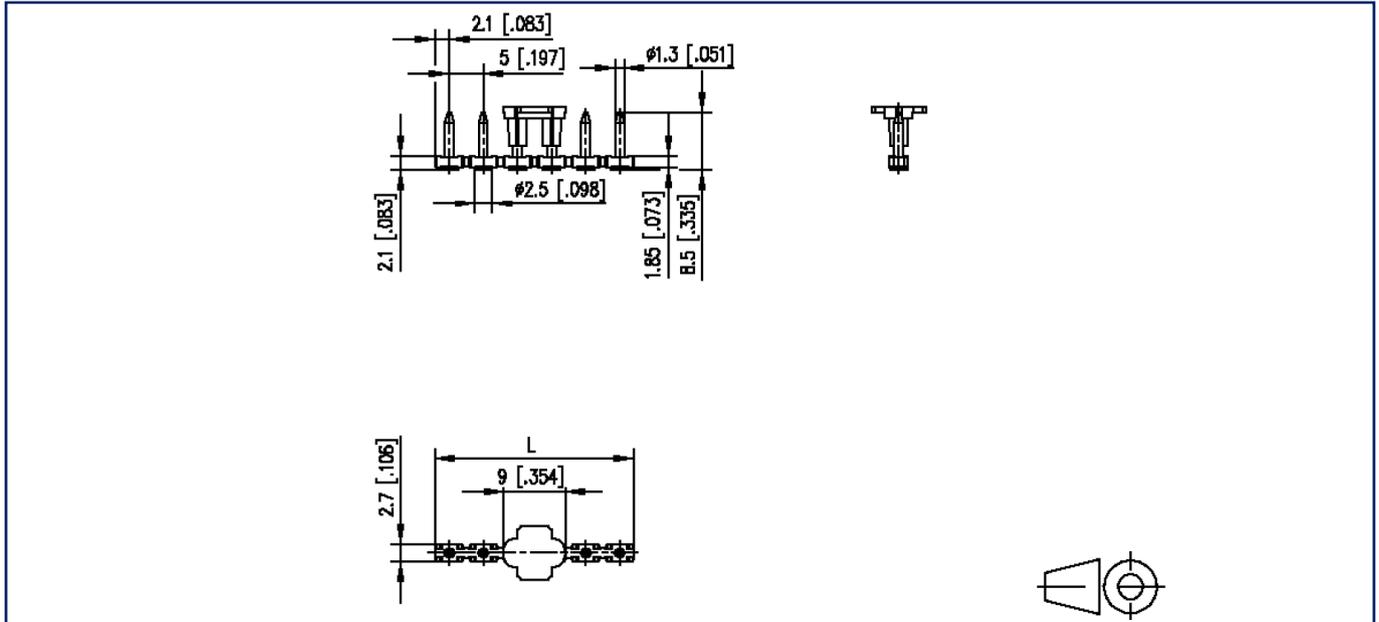
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Counterpart of

P/N	Designation
310071	RP025xxIBWC Type 007
31007102	RP02502IBWC Typ 007
31007103	RP02503IBWC Typ 007
31007104	RP02504IBWC Typ 007
31007105	RP02505IBWC Typ 007
31007106	RP02506IBWC Typ 007
31007107	RP02507IBWC Typ 007
31007108	RP02508IBWC Typ 007
31007109	RP02509IBWC Typ 007
31007110	RP02510IBWC Typ 007
31007111	RP02511IBWC Typ 007
31007112	RP02512IBWC Typ 007
31007113	RP02513IBWC Typ 007
31007114	RP02514IBWC Typ 007
31007116	RP02516IBWC Typ 007
31007120	RP02520IBWC Typ 007
31007122	RP02522IBWC Typ 007
31007124	RP02524IBWC Typ 007
310771	RP025xxIBWU Typ 077
311071	RP025xxHBWC Type 107
ASP025	SP025xxHDNC ASP025
ASP0250204-001	SP02502HDNC ASP0250204-001
ASP0250304-001	SP02503HDNC ASP0250304-001
ASP0250404	SP025xxHDNC ASP025
ASP0250404-004	SP02504HDNC ASP0250404-004
ASP0250504-002	SP02505HDNC ASP0250504-002
ASP0250599-000	SP02505HMNC000 PROFINET
ASP0250804-004	SP02508HDNC ASP0250804-004
ASP145XX22-131	SP145xxHBPC0001
ASP155XX22-131	SP155xxHBPC0001

Illustrations

Dimensional drawing as an example



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

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