Data sheet

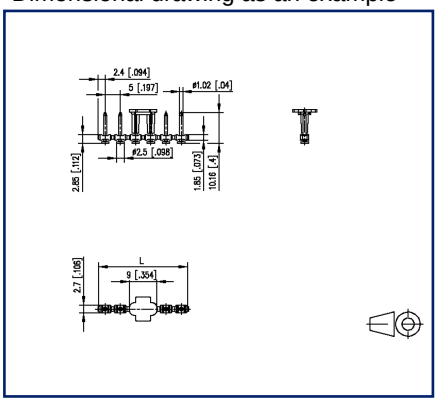
PM025xxVBHC Type 318

P/N
313181xx22
xx=number of poles
2026/11/13

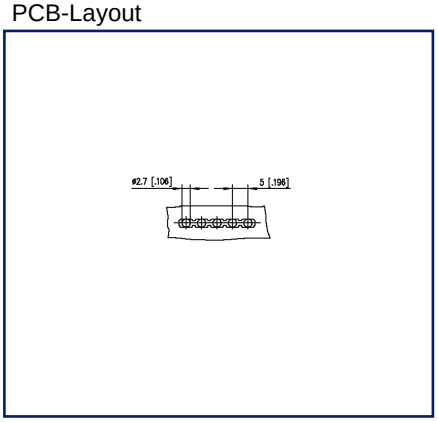
Illustrations



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

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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	10 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			
c UL us V / A	300 / 10		
approval UL - File No.	E121004		
Material			
insulating material	PA		
flammability class	V0		
contact pin material	CuZn		
contact pin surface	Ni + Sn		
Glow-Wire Flammability GWFI	850 °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	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.

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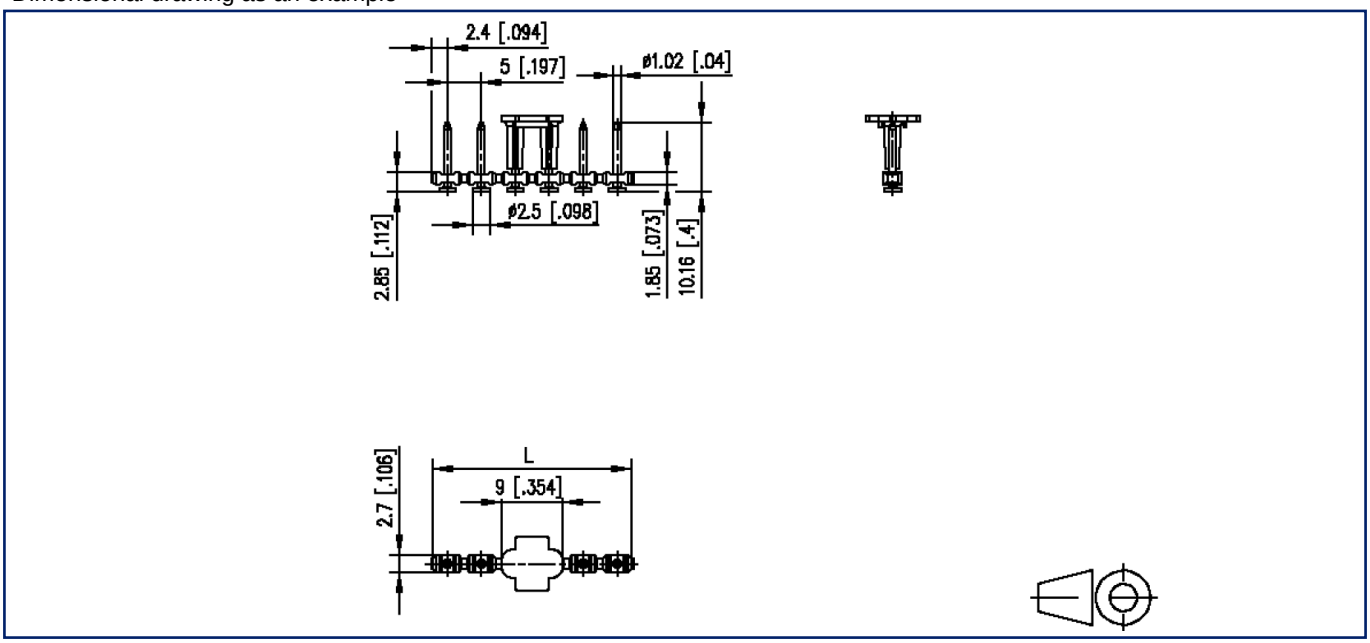
Counterpart of

P/N	Designation
311571	RP095xxRBWC Type 157 with clip system
31157102	RP09502RBWC Type 157 with clip system
31157103	RP09503RBWC Type 157 with clip system
31157104	RP09504RBWC Type 157 with clip system
31157105	RP09505RBWC Type 157 with clip system
31157106	RP09506RBWC Type 157 with clip system
31157107	RP09507RBWC Type 157 with clip system
31157108	RP09508RBWC Type 157 with clip system
31157109	RP09509RBWC Type 157 with clip system
31157110	RP09510RBWC Type 157 with clip system
31157111	RP09511RBWC Type 157 with clip system
31157112	RP09512RBWC Type 157 with clip system
311571XX-002730	RP095xxBBWC Type 157 without ridge
311571XX-002740	RP095xxHBWC Typ 157 mit Steg
311581	RP095xxRDVC Typ 158
ASP145	SP145xxHBNC ASP145
ASP145XX22-131	SP145xxHBPC0001
ASP155	SP155xxHBNC ASP155
ASP155XX22-131	SP155xxHBPC0001

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Illustrations

Dimensional drawing as an example

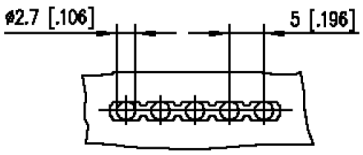


L=(pole size - 1) x centerline + 4.8 mm [0.189]

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Illustrations

PCB-Layout



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