

Data sheet

PR035xxVBHC Type 046

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P/N

310461xx

xx=number of poles

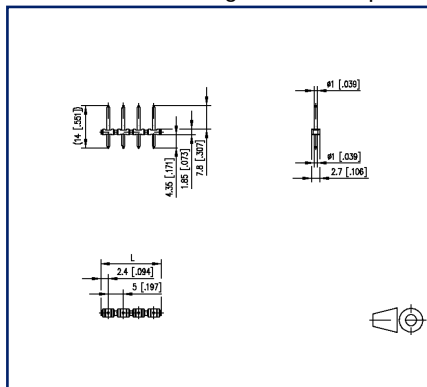
2025/08/21

Version: AC

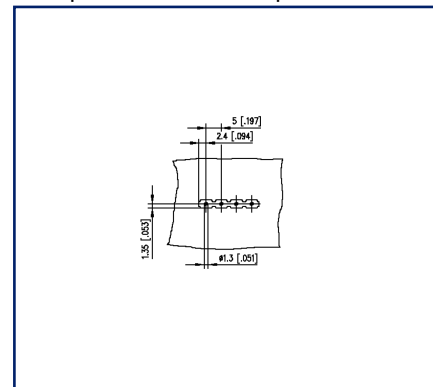
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

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



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Technical Data

General Data

Solder pin length	4.35 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 400		
clearance/creepage dist.	4 mm		
Protection category	IP00		
Rated current	10 A		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	250 V	500 V	500 V
Rated test voltage	6 kV	6 kV	6 kV

Approvals



300 / 10

approval UL - File No.

E121004



250 V / 4 kV / 13.5 A / 1.0 mm

Material

insulating material	PA
flammability class	V0
contact pin material	CuZnPb
contact pin surface	Ni + Ag
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



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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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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
ASP145	SP145xxHBNC ASP145
ASP145XX22-301	SP145xxHBPC with finger push-button
ASP155	SP155xxHBNC ASP155
ASP155XX22-301	SP155xxHBPC with finger push-button
SP145XXHBNC	'SP145xxHBNC ASP145'

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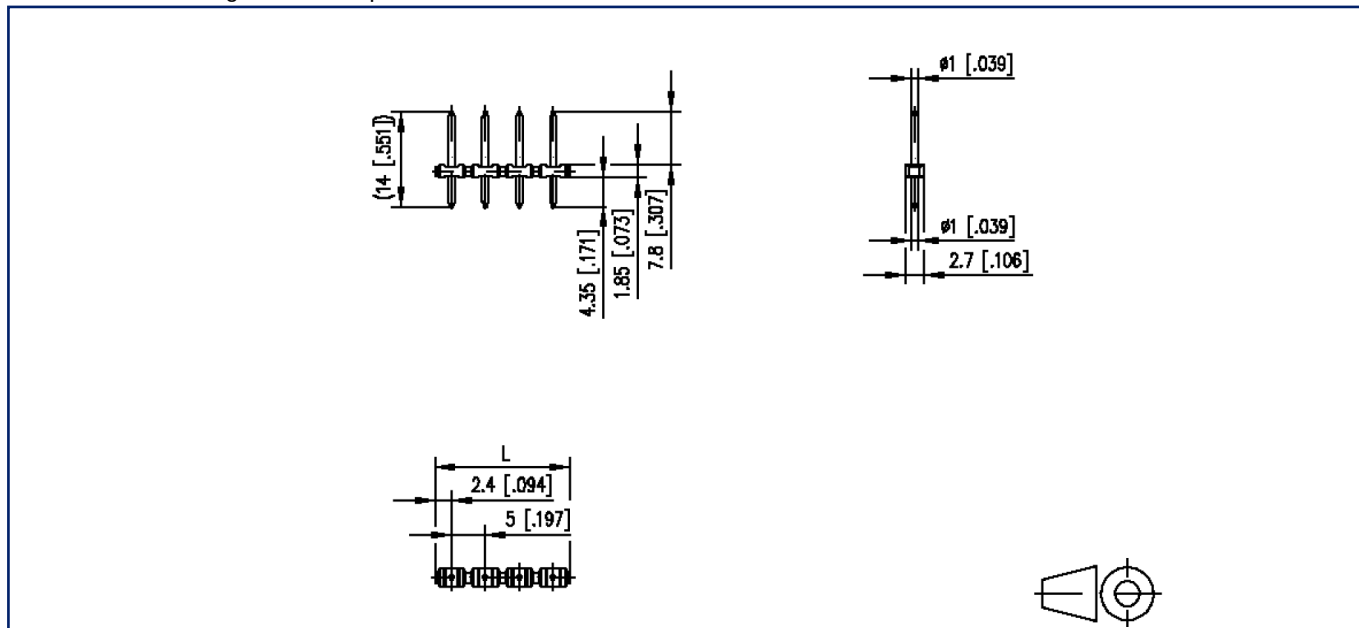
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Dimensional drawing as an example



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

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