Data sheet

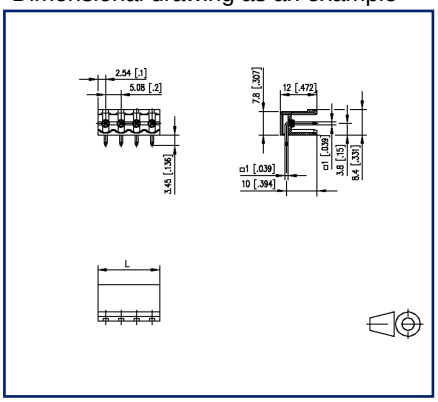
PT116xxHBEC Type 229

P/N
312291xx
xx=number of poles
2026/11/13

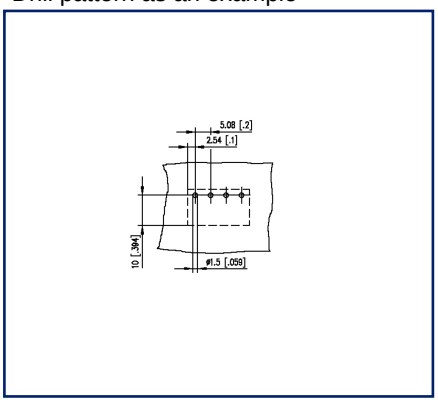
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 5.08 mm, direction of connection 90°
- open ends, fittable without loss of poles
- color black
- codeable

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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			
Solder pin length	3.45 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	4.08 mm		
Protection category	IP00		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	320 V	800 V	800 V
Rated test voltage	6 kV	6 kV	6 kV
Approvals			
c UL us V / A	300 / 15		
approval UL - File No.	E121004		
SEV	320 V / 4 kV / 13.5 A / 1.0 x 1.0 mm		
Material			
insulating material	PA66		
flammability class	V0		
contact pin material	CuFe		
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
700024-01-9	Coding star white
700523-0157	Geh_Kappe_swg_Block

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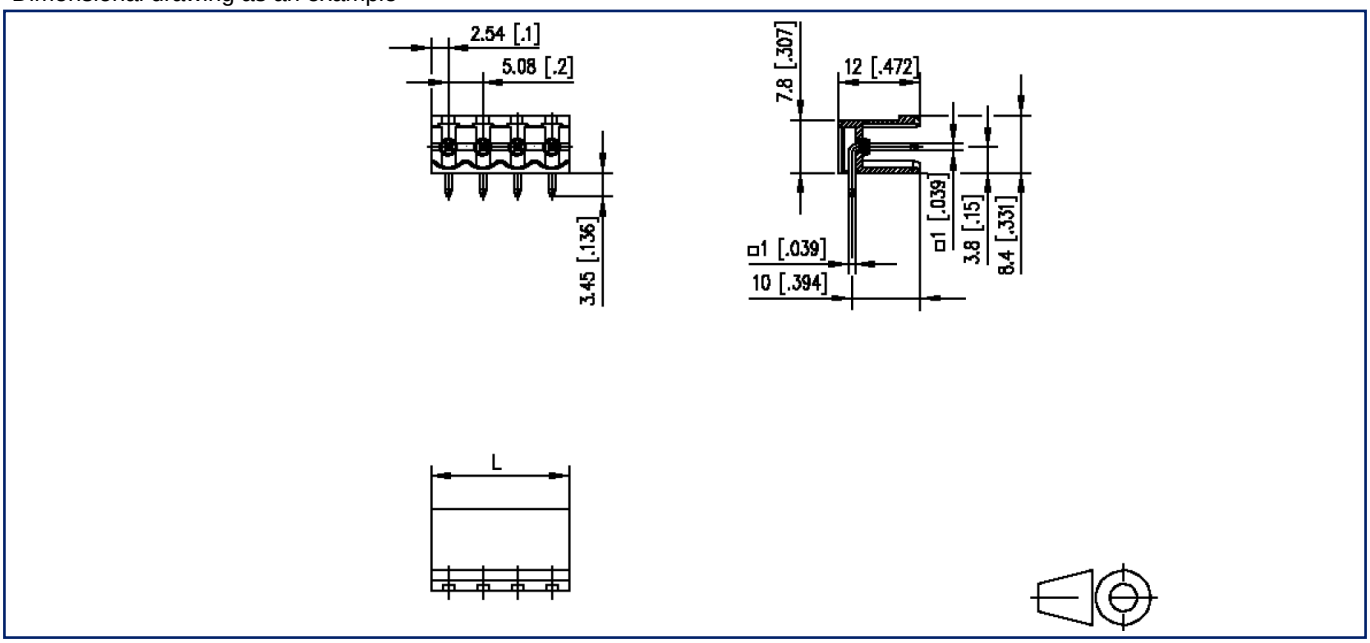
Counterpart of

P/N	Designation
312131	RP036xxHBLC Type 213
312141	RP036xxHBLD Type 214
312491	RP016xxVBLC Type 249
31249102	RP01602VBLC Type 249
31249103	RP01603VBLC Type 249
31249104	RP01604VBLC Type 249
31249105	RP01605VBLC Type 249
31249106	RP01606VBLC Type 249
31249107	RP01607VBLC Type 249
31249108	RP01608VBLC Type 249
31249109	RP01609VBLC Type 249
31249110	RP01610VBLC Type 249
31249112	RP01612VBLC Type 249
31249116	RP01616VBLC Type 249
31249119	RP01619VBLC Type 249
312501	RP016xxSBLC Typ 250
ASP046	SP046xxVBNC ASP046
ASP0460222	SP04602VBNC ASP046
ASP0460322	SP04603VBNC ASP046
ASP0460422	SP04604VBNC ASP046
ASP0460522	SP04605VBNC ASP046
ASP0460622	SP04606VBNC ASP046
ASP0460722	SP04607VBNC ASP046
ASP0460822	SP04608VBNC ASP046
ASP0460922	SP04609VBNC ASP046
ASP0461022	SP04610VBNC ASP046
ASP0461122	SP04611VBNC ASP046
ASP0461222	SP04612VBNC ASP046

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Illustrations

Dimensional drawing as an example

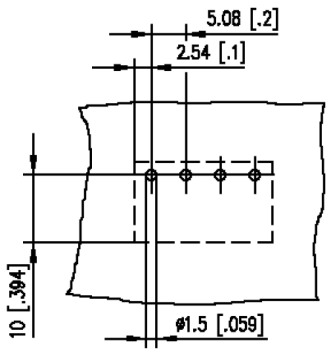


L=(pole size - 1) x centerline + 4.98 mm [0.196]

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Illustrations

Drill pattern as an example



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