

Data sheet

PT045xxHBEC Typ 029

Page 1/5

P/N
310291xx

xx=number of poles

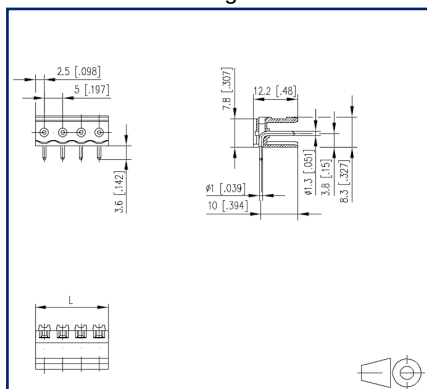
2022/04/05

Version: T

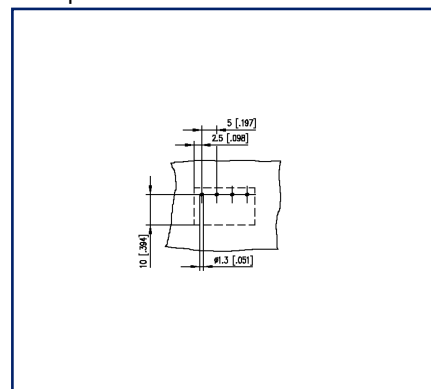
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- pin header, solderable
- centerline 5.00 mm, direction of connection 90°
- open ends, fittable without loss of poles
- color black



U | Contact

Data sheet

PT045xxHBEC Typ 029

Page 2/5

P/N
310291xx

xx=number of poles

2022/04/05

Version: T

Technical Data

General Data

Solder pin length	3.6 mm		
min. number of poles	2		
max. number of poles	22		
Insulating material class	CTI 600		
clearance/creepage dist.	3.7 mm		
Protection category	IP00		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	250 V	630 V	630 V
Rated test voltage	4 kV	4 kV	4 kV

Approvals

 V / A	300 / 10
approval UL - File No.	E121004
 1.5 mm ²	250 V / 4 kV / 10 A / 1.0 mm

Material

insulating material	PA66
flammability class	V0
contact pin material	CuZnPb
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
REACH	compliant
REACH - substance (SVHC)	Lead / 7439-92-1

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

U | Contact

Data sheet

PT045xxHBEC Typ 029

Page 3/5

P/N

310291xx

xx=number of poles

2022/04/05

Version: T

Counterpart of

P/N	Designation
310091	RP015xxWBWC Typ 009
310131	RP035xxIBLN Typ 013
310261	FT085xxVBFC Typ 026
310491	RP015xxWBLC Typ 049

U | Contact

Data sheet

PT045xxHBEC Typ 029

Page 4/5

P/N

310291xx

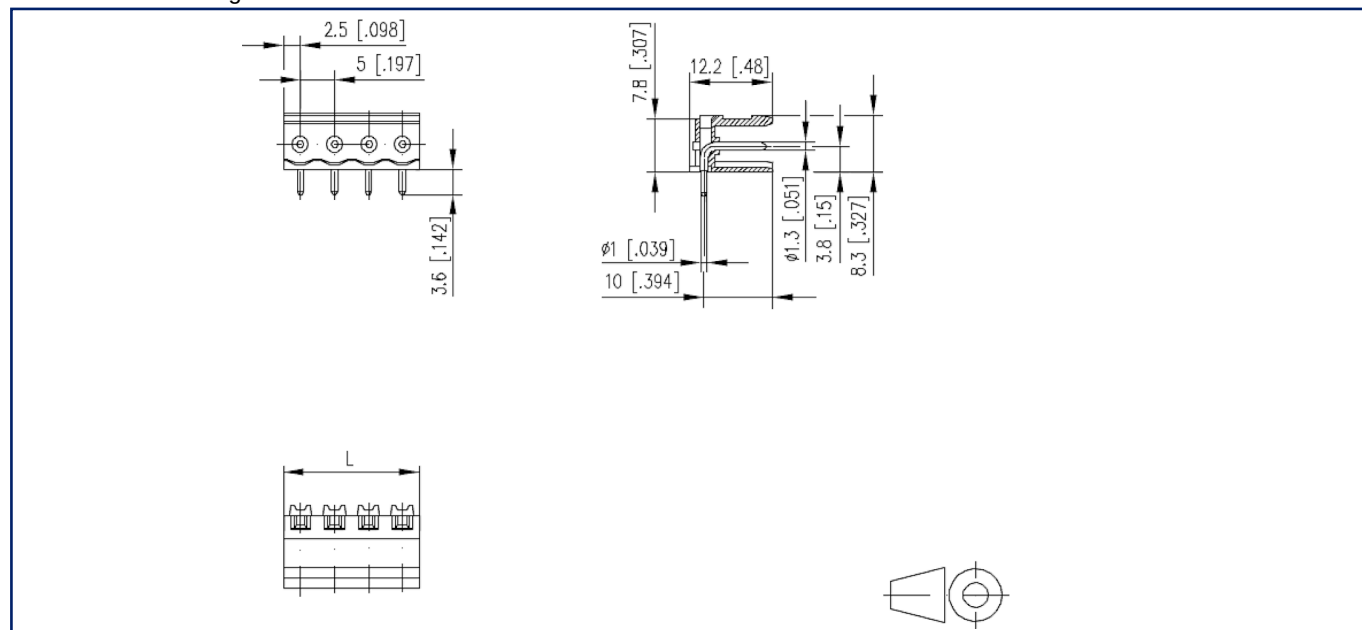
xx=number of poles

2022/04/05

Version: T

Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm [0.197]}$



U | Contact

Data sheet

PT045xxHBEC Typ 029

Page 5/5

P/N

310291xx

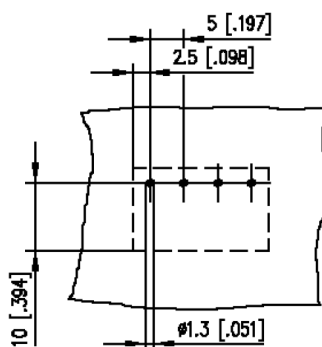
xx=number of poles

2022/04/05

Version: T

Illustrations

Drill pattern



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