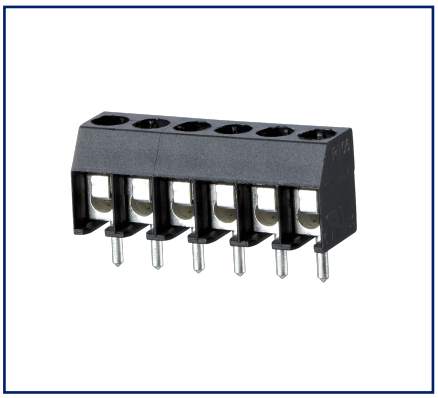
Data sheet

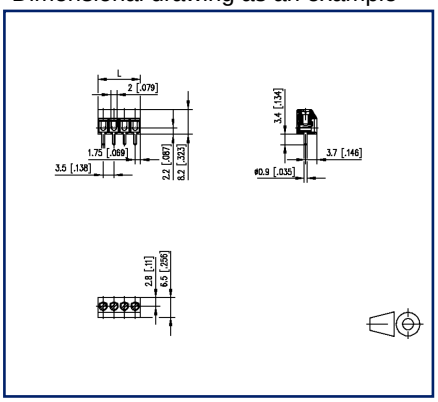
RT063xxHBWC Type 059

P/N
310591xx
xx=number of poles
2025/08/21
Version: AI

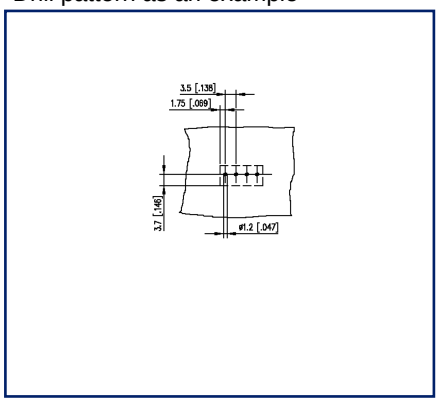
Illustrations



Dimensional drawing as an example



Drill pattern as an example



See enlarged drawings at the end of document

Product specification

- screw type terminal block, solderable
- centerline 3.50 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color black

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

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Data sheet
RT063xxHBWC Type 059

P/N
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Technical Data

General Data			
Tightening torque SEV	0.15 Nm		
Tightening torque UL	1.3 lb-in		
Solder pin length	3.4 mm		
min. number of poles	2		
max. number of poles	16		
Insulating material class	CTI 600		
clearance/creepage dist.	2.1 mm		
Protection category	IP20		
Insul. strip length	5 mm		
Rated current	6 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	40 V	250 V	250 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV
Terminal data			
rat.wiring solid AWGmax	0.33 mm² - 1.5 mm² / AWG 28 - AWG 16		
rat.wiring strand.AWGmax	0.33 mm² - 1 mm² / AWG 28 - AWG 18		
Approvals			
c UL us V / A / AWG	150 / 10 / 28 - 16		
approval UL - File No.	E121004		
SEV	125 V / 13.5 A / T60		
Material			
insulating material	PA66		
flammability class	V0		
terminal body thread	M2		
terminal body material	CuZnPb		
terminal body surface	Cu + Ni + Sn		
screw thread	M2		
screw material	8,8		
screw surface	Zn Cr(VI)-frei/free		

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Data sheet
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Technical Data

wire protector material	CuSn
wire protector surface	Sn
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

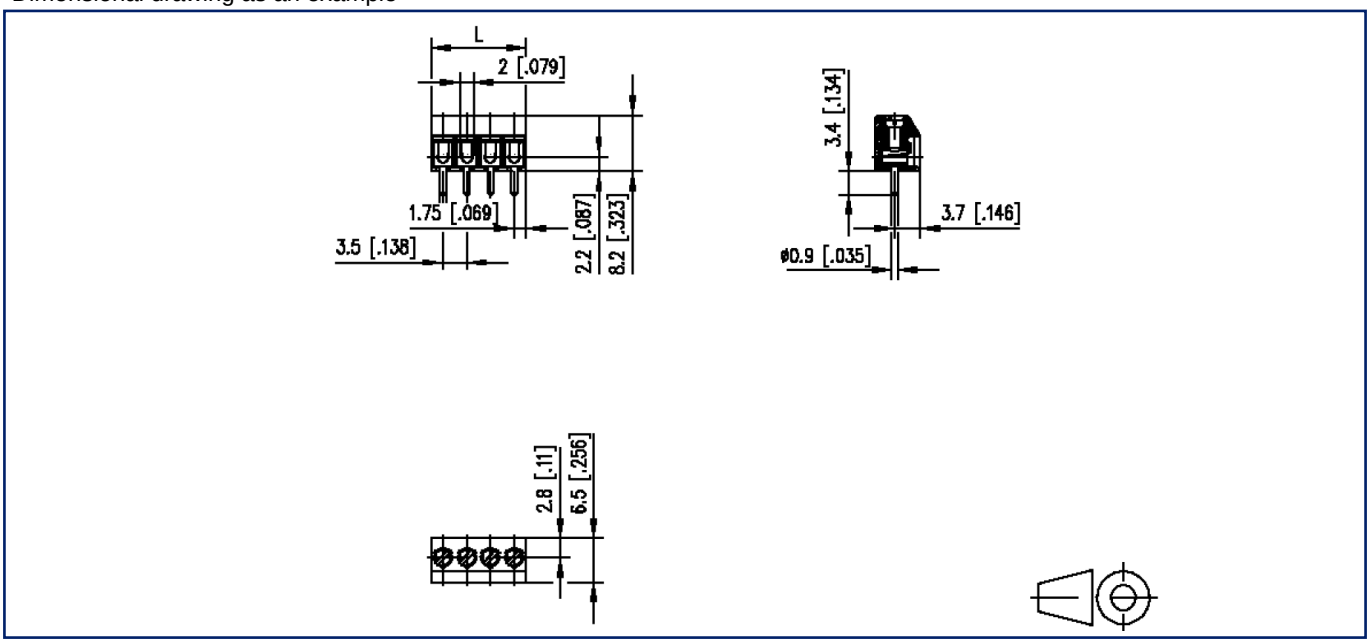
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Illustrations

Dimensional drawing as an example

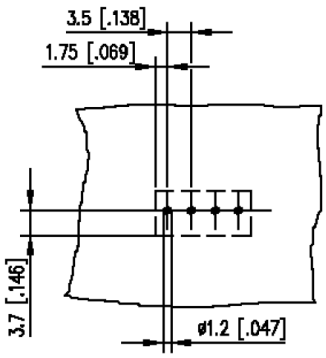


L=(pole size - 1) x centerline + 3.5 mm [0.138]

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Illustrations

Drill pattern as an example



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