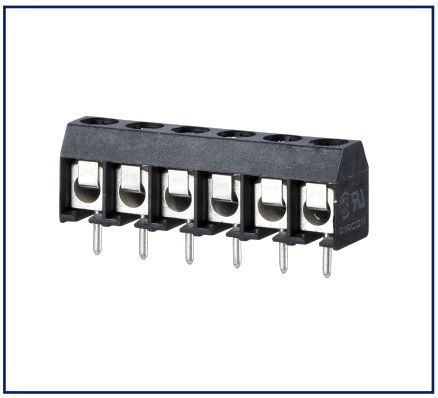
Data sheet

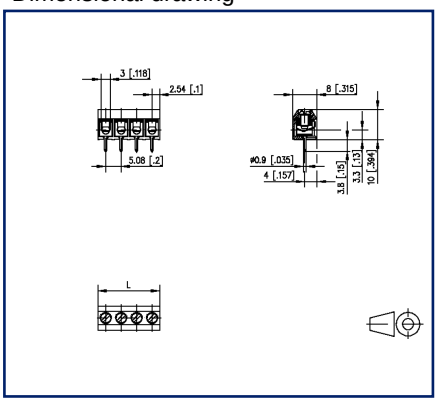
RT016xxHBWC Type 101

P/N
311011xx
xx=number of poles
2022/08/31
Version: AA

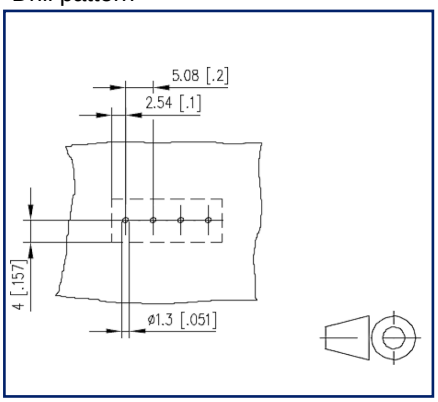
Illustrations



Dimensional drawing



Drill pattern





See enlarged drawings at the end of document

Product specification

- screw type terminal block, solderable
- centerline 5.08 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color black

METZ CONNECT GmbH | Im Tal 2 | 78176 Blumberg | Germany
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Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

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Data sheet
RT016xxHBWC Type 101

P/N
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Technical Data

General Data			
Tightening torque SEV	0.4 Nm		
Tightening torque UL	3.5 lb-in		
Solder pin length	3.8 mm		
min. number of poles	2		
max. number of poles	22		
Insulating material class	CTI 600		
clearance/creepage dist.	2.7 mm		
Protection category	IP10		
Min. insul. strip length	6 mm		
Rated current	17.5 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	63 V	320 V	320 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV
Terminal data			
rat.wiring solid AWGmax	0.34 mm² - 1.5 mm² / AWG 28 - AWG 14		
rat.wiring strand.AWGmax	0.34 mm² - 1.5 mm² / AWG 28 - AWG 14		
Approvals			
c UL us V / A / AWG	300 / 15 / 28 - 14		
approval UL - File No.	E121004		
SEV 1.5 mm²	130 V / 17.5 A / T60		
Material			
insulating material	PA66		
flammability class	V0		
terminal body thread	M3		
terminal body material	CuZnPb		
terminal body surface	Ni + Sn		
screw thread	M3		
screw material	8,8		
screw surface	Zn Cr(VI)-frei/free		
wire protector material	CuSn		
wire protector surface	Sn		

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Data sheet
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Technical Data

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

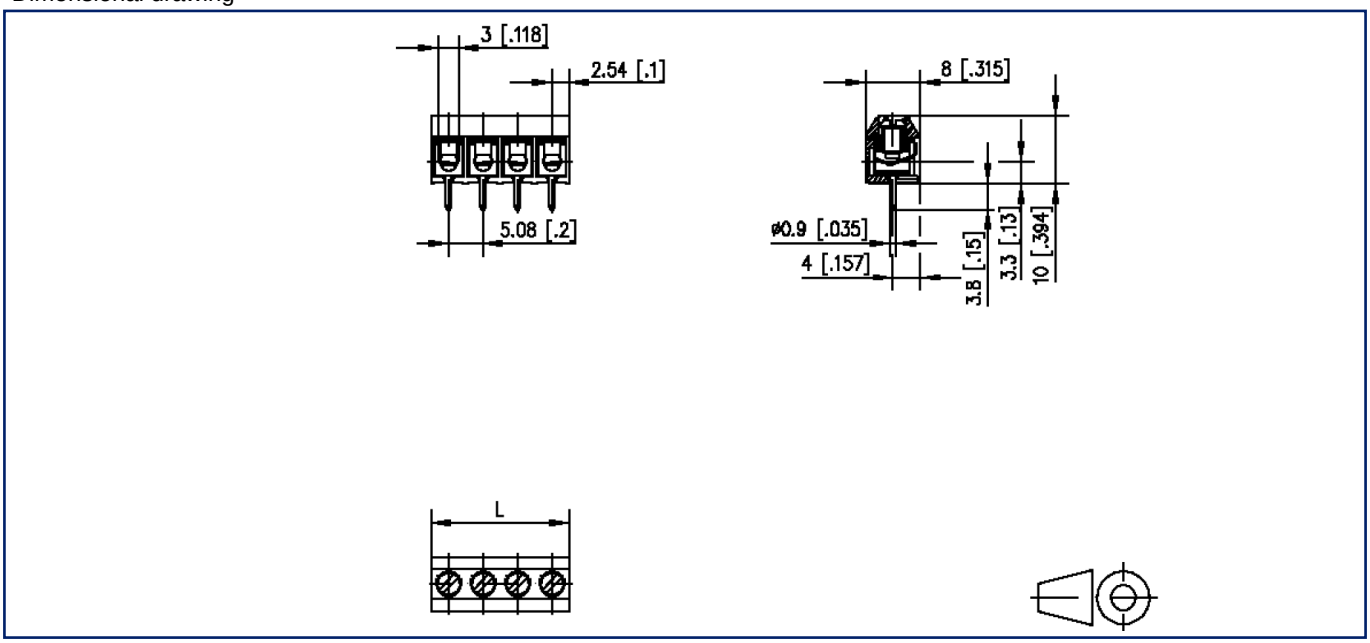
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Illustrations

Dimensional drawing



L=(pole size - 1) x centerline + 5.08 mm [0.2]

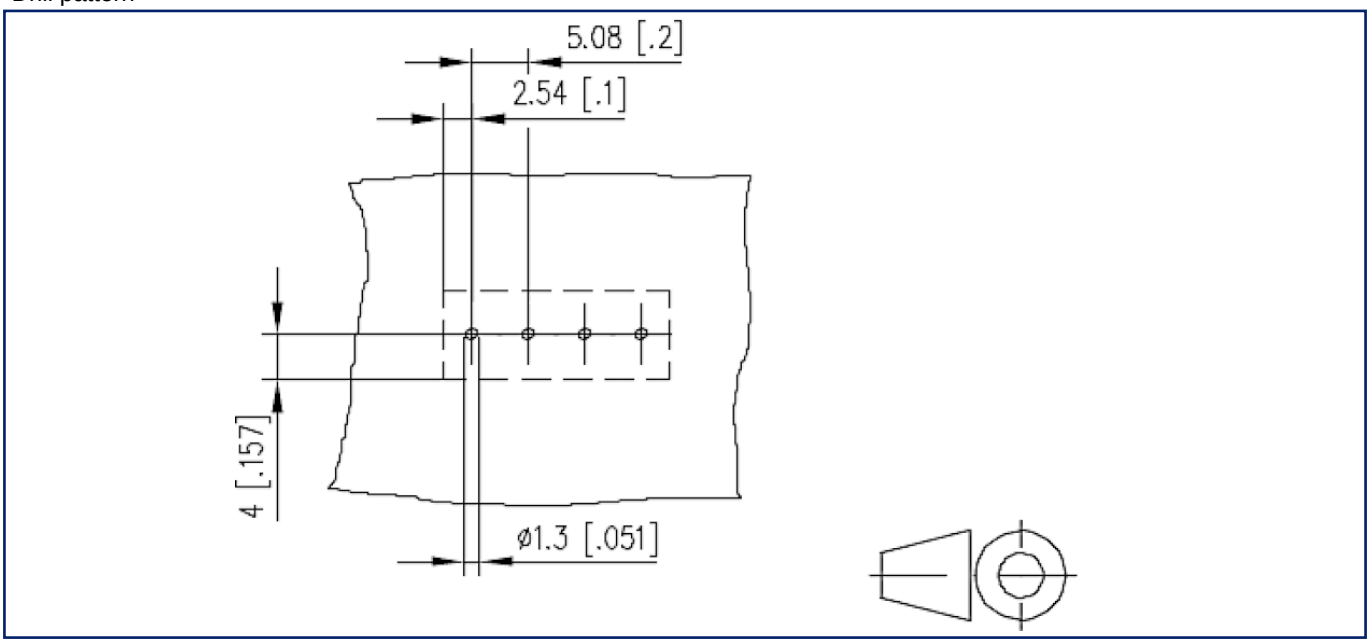
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Illustrations

Drill pattern



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