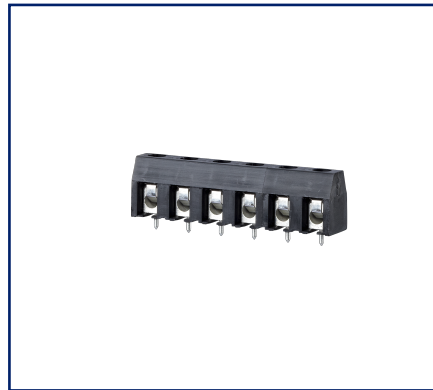
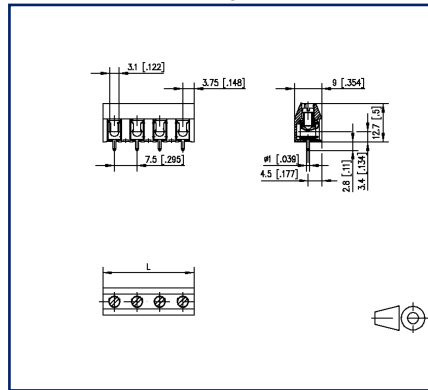


**Data sheet**  
**RT137xxHBWC Typ 171**

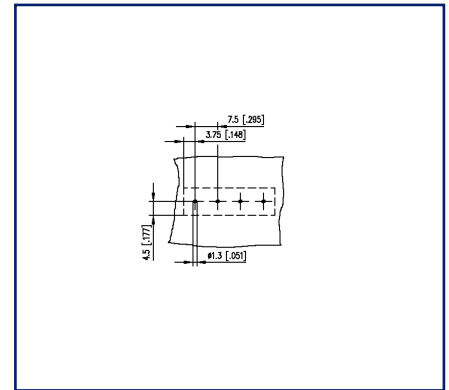
**Illustrations**



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document



**Product specification**

- screw type terminal block, solderable
- centerline 7.50 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color black

## Technical Data

General Data			
Tightening torque SEV	0.5 Nm		
Tightening torque UL	4.4 lb-in		
Solder pin length	2.8 mm		
min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 600		
clearance/creepage dist.	5.8 mm		
Protection category	IP20		
Min. insul. strip length	8 mm		
Rated current	16 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	160 V	400 V	400 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

Terminal data	
rat.wiring solid AWGmax	0.12 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 26 - AWG 14
rat.wiring strand.AWGmax	0.12 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 26 - AWG 14

Approvals	
 V / A / AWG	300 / 15 / 26 - 14
approval UL - File No.	E121004
 2.5 mm <sup>2</sup>	450 V / 24 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

# U | Contact

## Data sheet RT137xxHBWC Typ 171

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P/N  
311711xx

xx=number of poles

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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

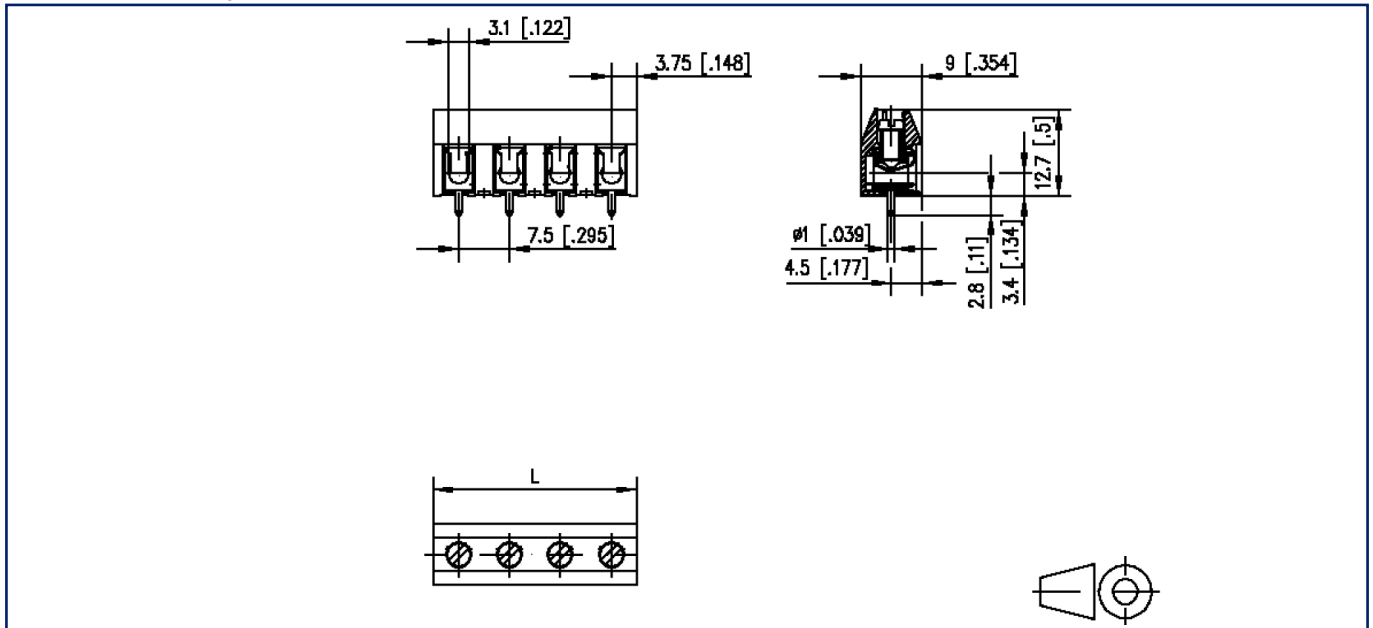
upper limit temperature	105 °C
lower limit temperature	-40 °C

### general

Tolerance	ISO 2768 -mH
Solderability	Acc. to JEDEC JESD22-B102E 245°C/5s

**Illustrations**

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 7.5 \text{ mm } [0.295]$

## Illustrations

### Drill pattern

