

Data sheet

RT145xxMBLC Type 269

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P/N

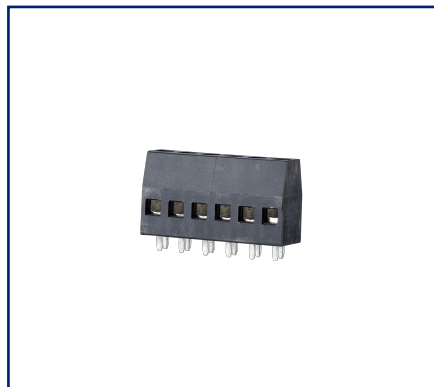
312691xx

xx=number of poles

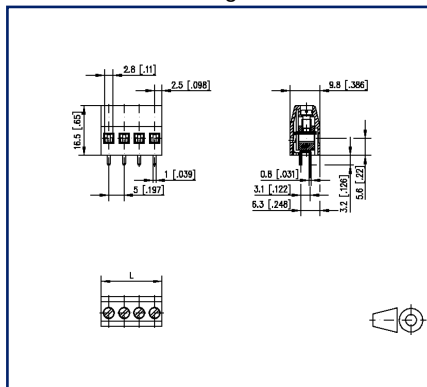
2023/06/28

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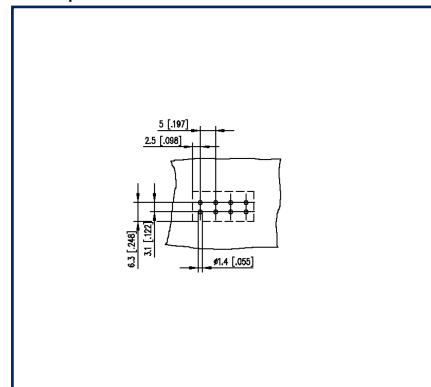
Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

Product specification

- screw type terminal block, solderable, double solder pins
- centerline 5.00 mm, direction of connection 90°
- lift system, fittable without loss of poles
- color black
- multiple pins



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Technical Data

General Data			
Tightening torque SEV	0.5 Nm		
Tightening torque UL	4.4 lb-in		
Solder pin length	3.2 mm		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	4 mm		
Protection category	IP20		
Min. insul. strip length	8 mm		
Rated current	15 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	0.08 mm² - 2.5 mm² / AWG 28 - AWG 12		
rat.wiring strand.AWGmax	0.08 mm² - 2.5 mm² / AWG 28 - AWG 12		
Approvals			
extended wiring UL	2 AWG 16-18, or 1 AWG 16 stranded with 1 AWG 18 solid, or 1 AWG 16 stranded with 1 AWG 18 stranded		
 V / A / AWG	300 / 15 / 28 - 12		
approval UL - File No.	E121004		
 2.5 mm²	250 V / 16 A / T60		
Material			
insulating material	PA66		
flammability class	V0		
contact material	CuZnPb		
Contact surface	Ni + Sn		
terminal body thread	M3		
terminal body material	CuZnPb		

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Technical Data

terminal body surface	Ni
screw thread	M3
screw material	8,8
screw surface	Zn Cr(VI)-frei/free
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



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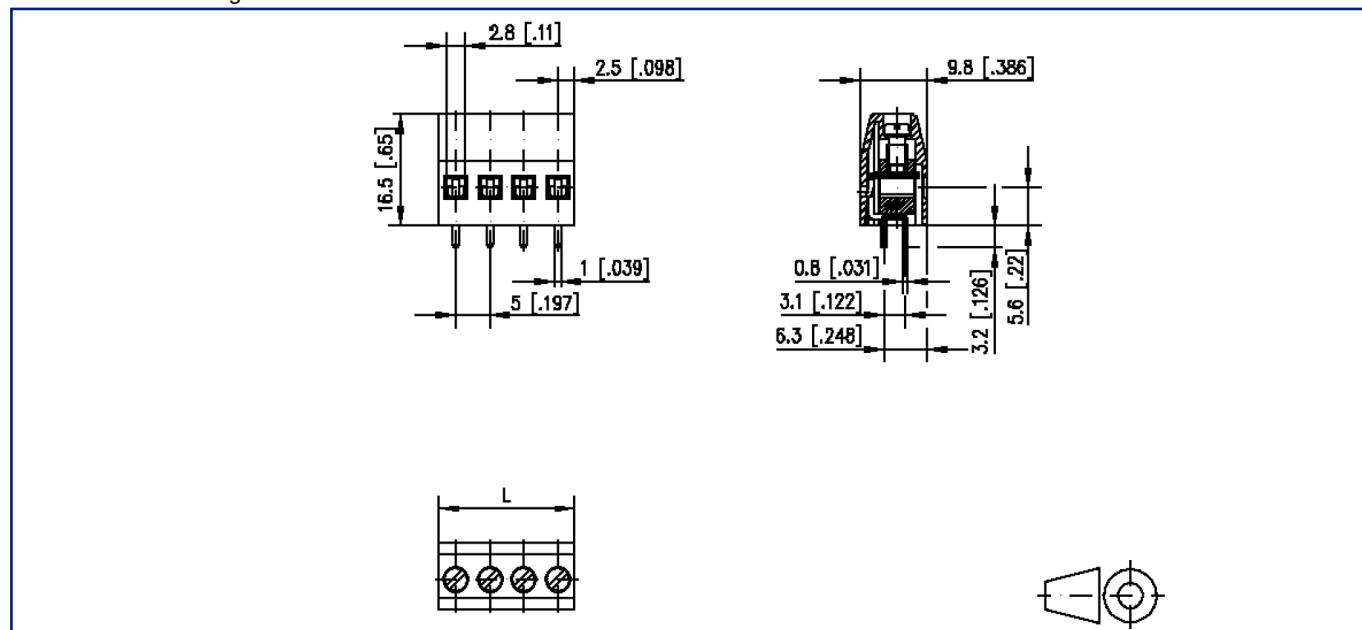
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$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm}$ [0.197]

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