



## PICOLED™ series

SMLP13WBC8W **NEW**

### [ Product description ]

ROHM's PICOLED™ - Using its second-to-none merits from ultra-small & ultra-thin configuration, ultra-fine LED matrices beyond common sense can be made, boosting the level of expression ultimately. Also, this device is indispensable for future design-in for whatever application requiring downsizing.

### Features

- PICOLED™ serie
- 1.0x0.6(t=0.2)mm :Ultra-small & ultra-thin package

### Product specifications

#### Absolute maximum ratings (Ta=25°C)

Rated parameters	Standard value	Conditions
Dissipation P <sub>D</sub> (mW)	66	
Forward current I <sub>F</sub> (mA)	20	
Peak forward current I <sub>FP</sub> (mA)	100	Duty1/10, 1kHz
Reverse voltage V <sub>R</sub> (V)	5	
Operation temperature Topr(°C)	-40 to +85	
Storage temperature Tstg(°C)	-40 to +100	

#### Electro-optical characteristics (Ta=25°C)

Rated parameters	Standard value	Conditions
Emission color	White	
Peak wavelength λ <sub>P</sub>	-	
Dominant wavelength λ <sub>D</sub>	-	
Chromaticity<x, y>	0.30,0.30	@5mA
Luminous intensity I <sub>V</sub> (mcd)	150	@5mA
Forward voltage V <sub>F</sub> (V)	2.9	@5mA
Reverse current I <sub>R</sub> (μA)	100	@5V

\* PICOLED™ is ROHM's pending trademark.

\*The contents described here are just outline for introduction.

Please obtain the specification sheets from us for thorough check before use.

### Outline



1.0x0.6(t=0.2)

### Dimensions

