

5-mm Round LED
Model # LC1217W1-2SP-A1
Data Sheet

1. Description

1.1. General Description

1.2. Applications

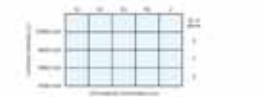
2. Absolute Maximum Ratings (T_c = 25°C)

Parameter	Symbol	Value	Unit
Forward Current	I _F	20	mA
Reverse Current	I _R	1	mA
Forward Voltage	V _F	1.8	V
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	100	mW
Operating Temperature	T _{op}	-40 to 100	°C

3. Typical Electrical & Thermal Characteristics (T_c = 25°C)

Parameter	Symbol	Value	Unit
Forward Current	I _F	10	mA
Forward Voltage	V _F	1.8	V
Reverse Current	I _R	0.5	mA
Power Dissipation	P _D	100	mW
Operating Temperature	T _{op}	-40 to 100	°C

4. Typical Forward vs. Reverse Current (I_F vs. I_R)

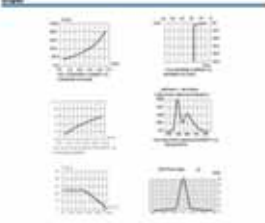
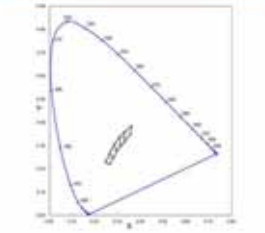


5. Typical Forward Voltage vs. Forward Current (V_F vs. I_F)

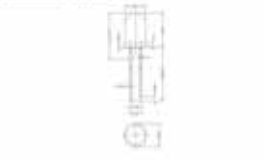
I _F (mA)	V _F (V)
10	1.8
20	1.9

- 6. Notes**
1. All dimensions are in millimeters unless otherwise specified.
 2. All dimensions are in inches unless otherwise specified.
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 4. All dimensions are in inches unless otherwise specified.
 5. All dimensions are in millimeters unless otherwise specified.
 6. All dimensions are in inches unless otherwise specified.

7. Chromaticity Diagram



8. Mechanical Dimensions



9. Notes

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6. All dimensions are in inches unless otherwise specified.

10. Typical Circuit



11. Product & Company Information

11.1. Product Information

11.2. Company Information