



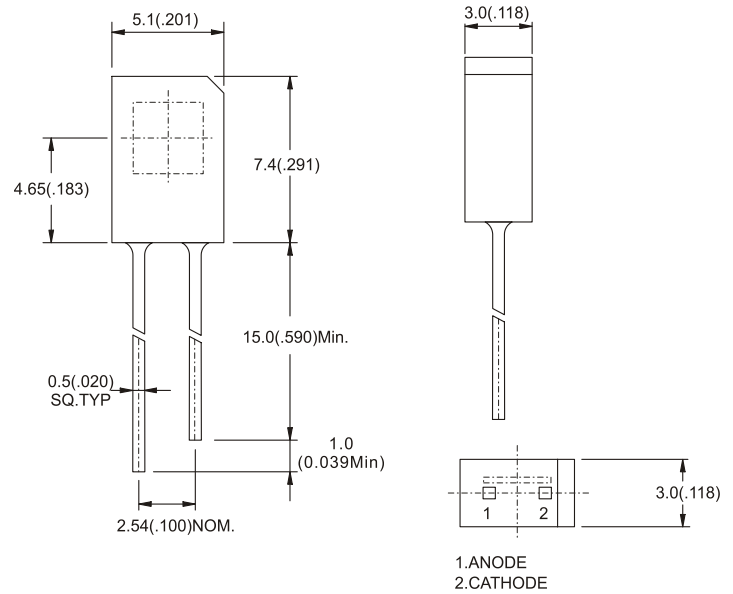
Part No: JSL-352PD

Features:

- High power output
- Low power consumption
- High reliability and long life

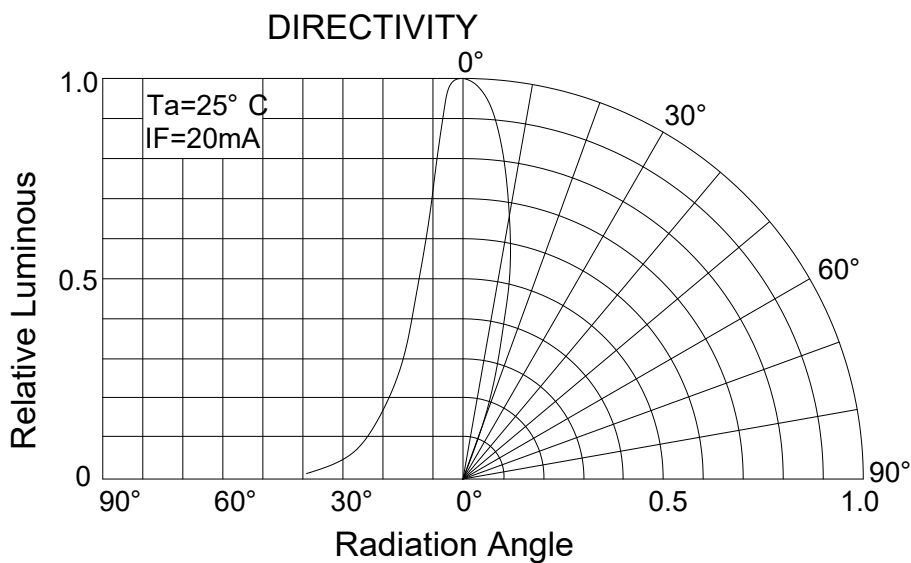
Descriptions:

- Emitting Color: Photo diode
- Device Outline: 3x5.1mm type
- Lens Type: Deep Blue



Directivity:

1. All dimensions are millimeters/单位: mm.
2. Tolerance is +/-0.25mm unless otherwise noted/





Part No: JSL-352PD

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

Parameter	Symbol	Test Condition	Values			Unit
			Min.	Typ	Max	
Reverse Breakdown Voltage	V <sub>BR</sub>	I <sub>R</sub> = 100 μ A, H=0mw/ cm <sup>2</sup>	35	170	---	V
Operating Temperature	T <sub>opr</sub>	----	-40	+85		°C
Storage Temperature	T <sub>str</sub>	----	-40	+100		°C

**Electrical and optical characteristics (Ta = 25°C)**

Parameter	Symbol	Test Condition	Values			Unit 单位
			Min.	Typ.	Max.	
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	0.5	1.2	1.4	V
Light Current	I <sub>L</sub>	H as1mw/ cm <sup>2</sup> @940nm,VR=5V	----	1.8	----	μ A
Dominate Wavelength	λ <sub>p</sub>	I <sub>F</sub> =20mA	----	940	----	nm
Reverse Dark Current	I <sub>D</sub>	H=0mw/ cm <sup>2</sup> ,VR=10V	----	2	10	nA
Juncition Capacitance	C <sub>J</sub>	VR=3V,f=1MHZ, H=0mw/ cm <sup>2</sup>	----	1.5	----	PF
Viewing Angle	2 θ 1/2	I <sub>F</sub> =20mA	----	30	----	deg.



Typical electrical/optical characteristic curves:

