

BEELED

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Product name: BLD-SMD6565UV-J265

Version No.: 01

Product Description:

- 3 watt High Power LED
- Colloid Color: Transparent
- Emission Color: Purple
- Viewing Angle: 60°
- Forward current: 300-400mA;
- Forward voltage: 6.0V
- Radiant flux(optical power): 40-52mW
- Rohs Compliant

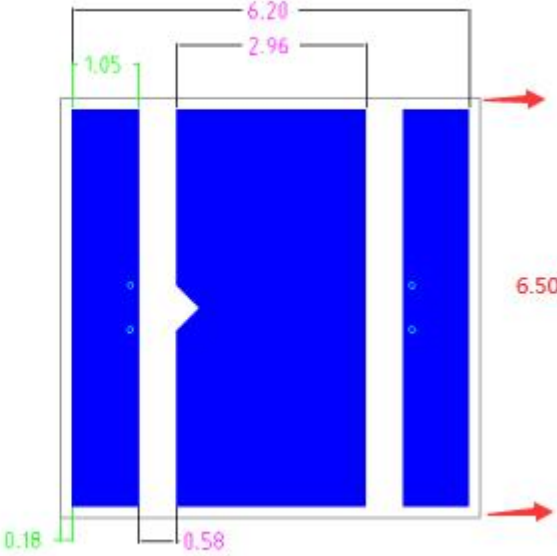
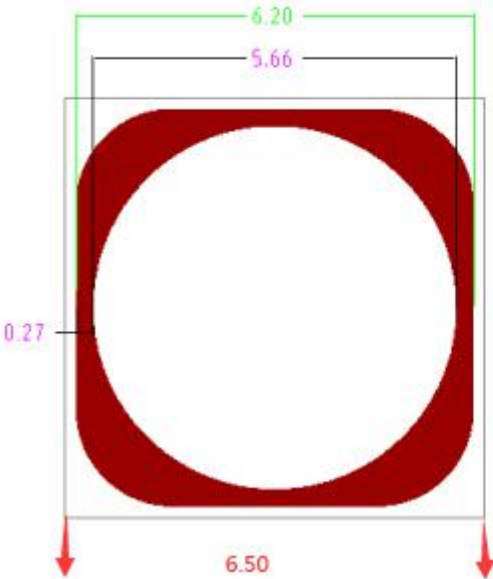
Dice Material: GaInN



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Outline Drawing



Unit:mm

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Electro-Optical Characteristics (T=25°C)

Parameters	Symbol	Condition	Unit	Min.	Typ.	Max.
Peak Wavelength	λ_p	$I_F = 300\text{mA}$	nm	260	265	270
FWHM	Wh	$I_F = 300\text{mA}$	nm	-	11	-
Output Power	P_o	$I_F = 300\text{mA}$	mW	-	40	-
		$I_F = 400\text{mA}$	mW	-	52	-
Forward Voltage	V_F	$I_F = 300\text{mA}$	V	-	6.0	-
		$I_F = 400\text{mA}$	V	-	6.1	-

Notes:

1. Measured by Integrating sphere of Photonwave, some values may vary depending on the test equipment.
2. These values are subject to change for improvement without notice.
3. The measurement tolerance is as following;
 - Forward Voltage (V_f): $\pm 5\%$
 - Peak Wavelength (λ_p): $\pm 3\text{nm}$
 - Radiant Flux (P_o): $\pm 10\%$

Typical Characteristics Curves

