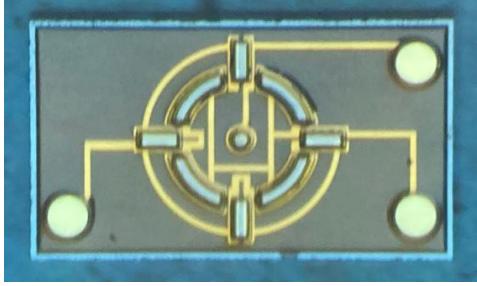
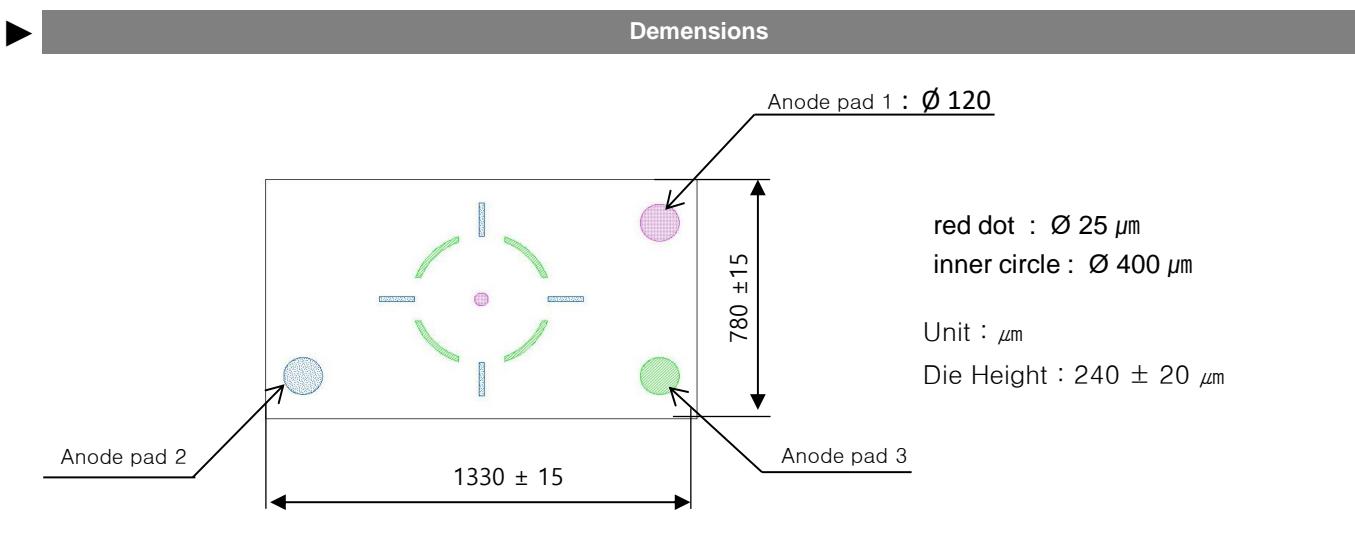




Features	Description
<ul style="list-style-type: none">: 650 nm wavelength range: Top side_ Anode, Bottom side_Cathode: Three emission control options: Other configurations available on request	

Applications	Absolute Maximum Ratings										
<ul style="list-style-type: none">: Sensors: Point Source	<table border="1"><thead><tr><th>Parameter</th><th>Rating</th></tr></thead><tbody><tr><td>Storage Temperature</td><td>-40 to 100 °C</td></tr><tr><td>Operating Temperature</td><td>-20 to 70 °C</td></tr><tr><td>Continuous Forward Current</td><td>10 mA</td></tr><tr><td>Continuous Reverse Voltage</td><td>5V (@10µA)</td></tr></tbody></table>	Parameter	Rating	Storage Temperature	-40 to 100 °C	Operating Temperature	-20 to 70 °C	Continuous Forward Current	10 mA	Continuous Reverse Voltage	5V (@10µA)
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► Electro-Optics Characteristics ($T_a=25^\circ\text{C}$ unless otherwise stated)

Parameters	Symbol	Specified			Unit	Test Conditions
		Min.	Typ.	Max.		
Total Radiant Flux 1	Φ_{o1}		150		μW	$I_f=5\text{mA}$, anode 1(dot)
Total Radiant Flux 2	Φ_{o2}		200		μW	$I_f=5\text{mA}$, anode 2(+)
Total Radiant Flux 3	Φ_{o3}		200		μW	$I_f=5\text{mA}$, anode 3(circle)
Peak Wavelength	λ_p	635	650	665	nm	$I_f=5\text{ mA}$
Forward Current	I_f	0.01	-	10	mA	
Forward Voltage 1	V_{f1}		2.1		V	$I_f=5\text{mA}$, anode 1(dot)
Forward Voltage 2	V_{f2}		1.9		V	$I_f=5\text{mA}$, anode 2(+)
Forward Voltage 3	V_{f3}		1.9		V	$I_f=5\text{mA}$, anode 3(circle)

Test Data were measured in TO header of wire bonded chip

Value is referenced to the vendor's measurement system (correlation to customer product is required).

► Emitting mode (circle , + , dot)



► Notes

* These specifications are subject to change without notice.



NOTICE

The inherent design of this component causes it to be sensitive to electrostatic discharge(ESD). To prevent ESD-induced damage and/or degradation to equipment, take normal ESD precautions when handling this product