



SURFACE MOUNT LED

審查	作成
沈夢榮	沈子檸

1.ELEMENT APPEARANCE

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Model No.	Lighting Color	Resin Color
RT-M5050VT02D-PL	UV	Water Clear

2.ABSOLUTE MAXIMUM RATINGS AT Ta=25°C

Characteristic	Symbol	Rating	Unit
Operating temperature	Topr	-40 to +85	°C
Storage temperature	Tstg	-40 to +100	°C
Power dissipation	Pd	0.2~1.0	mW

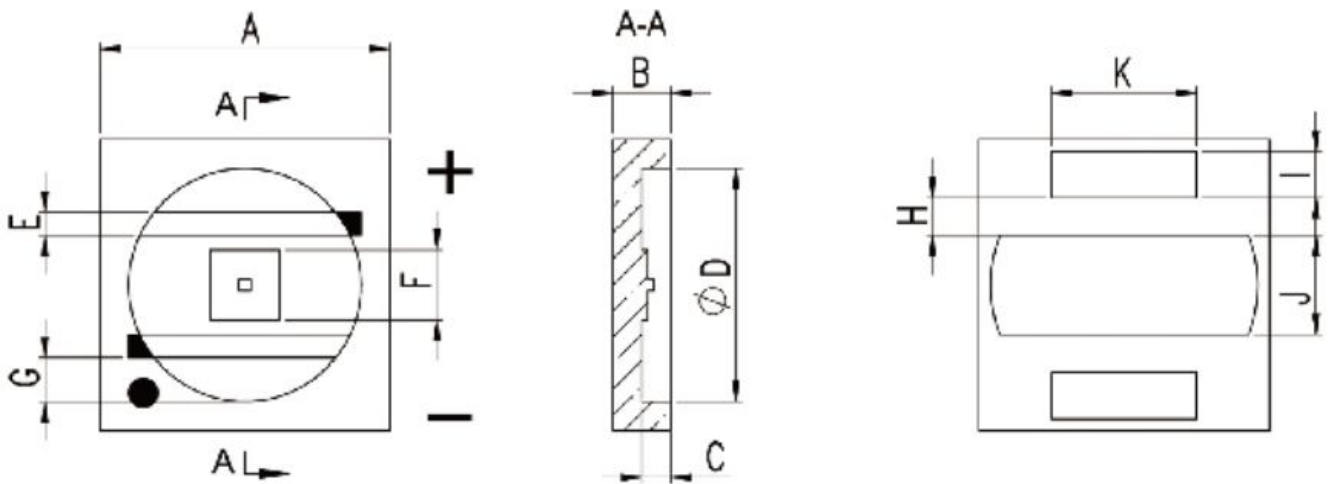
3.ELECTRO-OPTICAL CHARACTERISTICS AT Ta=25°C

Characteristic	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward voltage	V _F	IF=20mA	5.5	~	7.5	V
Peak emission wavelength	λ _p	IF=20mA		265		nm
Viewing angle	2θ 1/2	IF=20mA		140		deg.

*Forward voltage Measurement allowance is ±0.05V

*Peak emission wavelength Measurement allowance is ±1nm

4.DIMENSIONS UNIT : mm TOLERANCE : ± 0.25mm



尺寸	A	B	C	D	E	F	G	H	I	J	K
最小	4.8	0.92	0.45	3.85	0.3	1.1	0.65	0.55	0.7	1.6	2.4
標準	5	1	0.5	4	0.4	1.2	0.75	0.65	0.8	1.7	2.5
最大	5.2	1.08	0.55	4.15	0.5	1.3	0.85	0.75	0.9	1.8	2.6