

6868 Ceramic PD Technical DataSheet

Part Number :6868FP01P15L00

Outline

◆ Outline : 6.8*6.8mm

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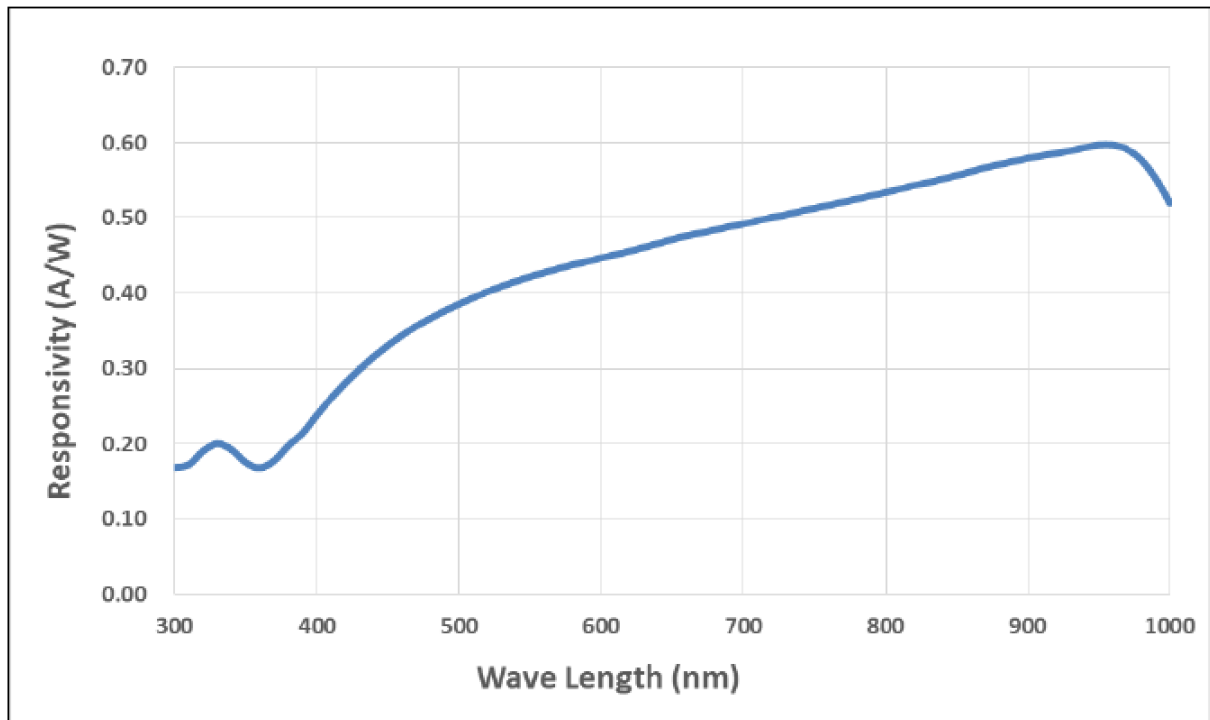
■ Electrical Optical Characteristics at Ta=25°C

Parameter	Symbol	Min.	Typical	Max.	Unit	Conditions
Open Circuit Voltage	V _{op}	0.3	0.32-	-	A/W	V _r =5V,λ=365nm
Dark Current	I _d	-	-	10	nA	V _r =5V
Reverse Breakdown Voltage	BVR	30	-	-	V	I _r =10uA
Forward Voltage	V _f	-	-	1.3	V	I _f =5mA
Capacitance	C	-	-	65	pF	V _r =0V f=1kHz

Notes:

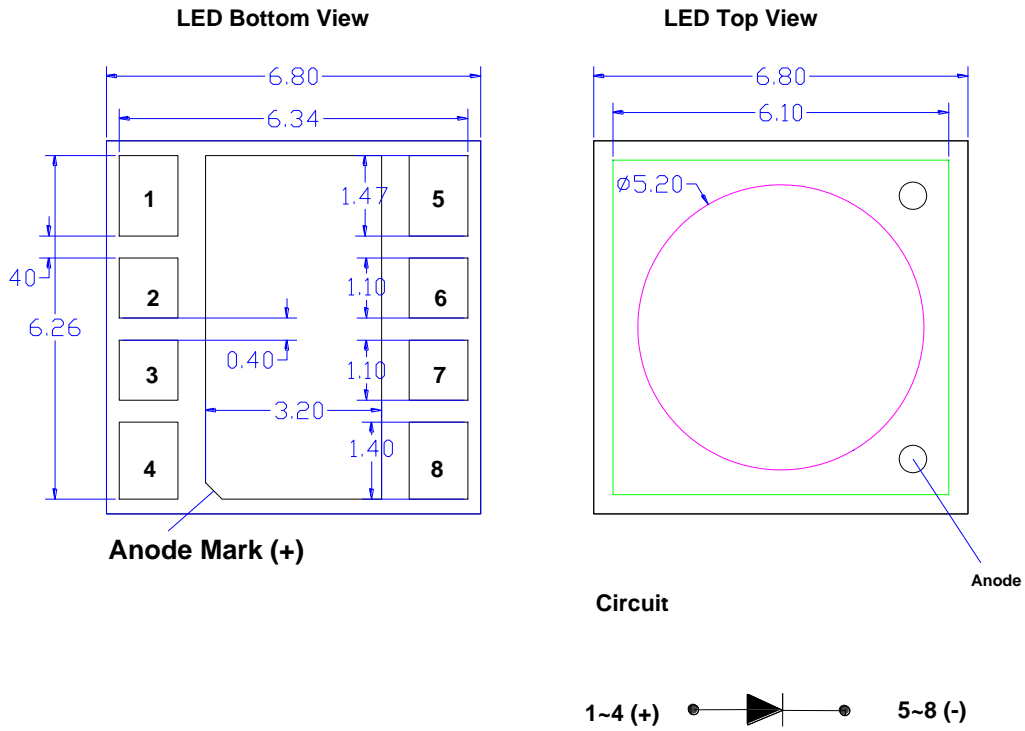
1. For other ambient, limited setting of current will depend on de-rating curves.
2. D=0.01s duty 1/10.
3. When drive on maximum current , T_j must be kept below 105°C
4. Viewing angle(2θ1/2) ±10°

■ Spectral Sensitivity Spectral Responsivity

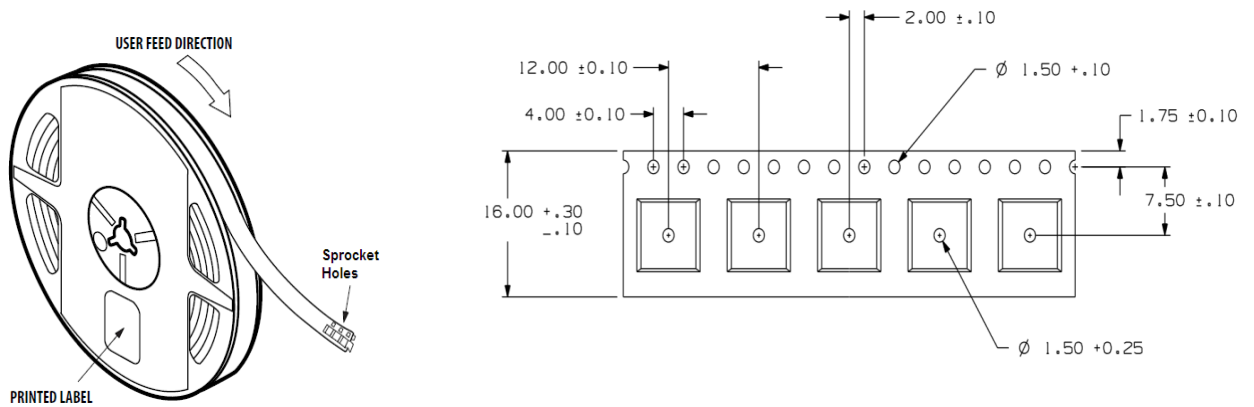


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■ Package Dimension



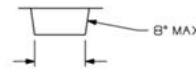
■ Packing



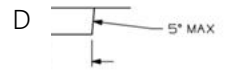
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Cathode Side(朝鍊孔是負極)



A

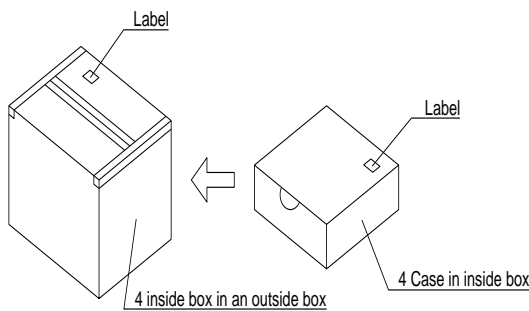


B

D

Anode Mark

Item	Dimension	Tolerance	Unit
A	7.35	± 0.10	mm
B	7.25	± 0.10	mm
C	0.33	± 0.02	mm
D	4.35	± 0.10	mm

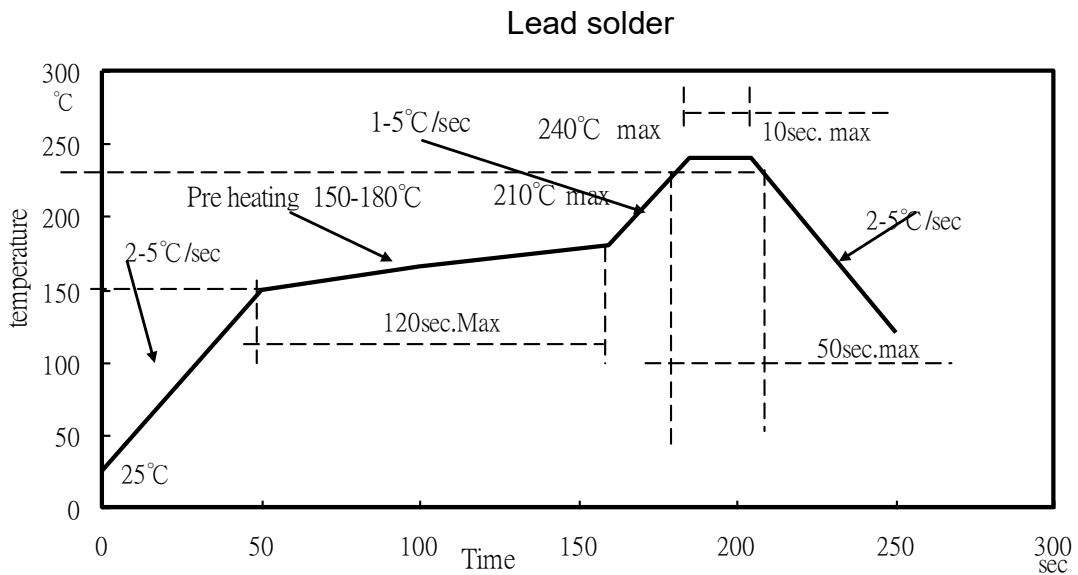
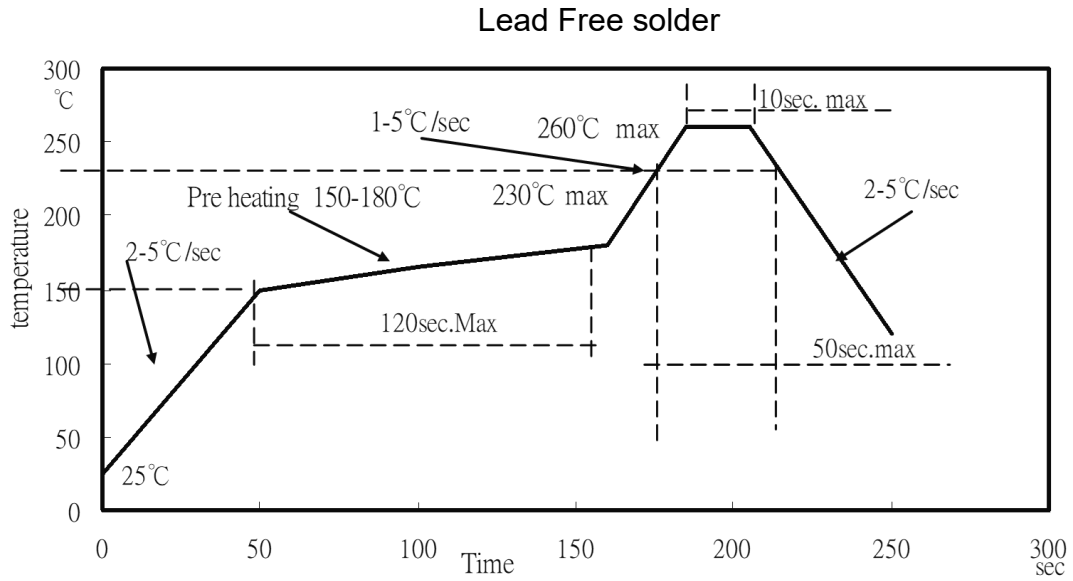


Notes:

1. Each Reel (minimum 100 pcs and maximum 350 pcs) is packed in a moisture-proof bag along with 2 packs of desiccant and a humidity indicator card;
2. A maximum of 5 moisture-proof bags are packed in an inner box (size: 240mm x 200mm x 105mm ± 5 mm).
3. A maximum of 4 inner boxes are put in an outer box (size: 410mm x 255mm x 230mm ± 5 mm).
4. Part No., Lot No., quantity should be indicated on the label of the moisture-proof bag and the cardboard box.

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■ Reflow Profile



Notes:

1. The recommended reflow temperature is 240°C (±5°C). The maximum soldering temperature should be limited to 260°C.
2. Do not stress the silicone resin while it is exposed to high temperature.
3. The number of reflow process should not exceed 3 times.
- 4.