OptoSupply
Light It Up

5x5x1.5mm Super Salmon Pink Top SMD LED

OS6OGTS4C1A

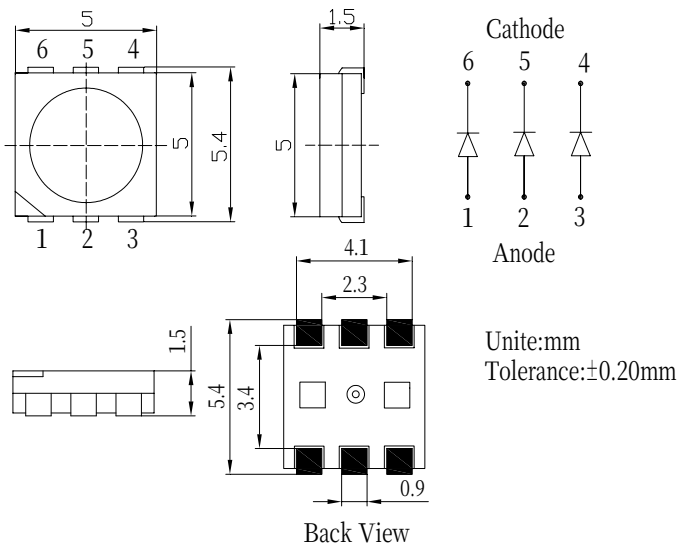
▪Features

- High Luminous PLCC6 Top SMD LEDs
- 5.0x5.0x1.5mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Silicone
- Water Clear Type

▪Applications

- Backlighting (switches, keys, etc.)
- Marker lights (e.g. steps, exit ways, etc.)
- Signal and Channel Letter
- Marker lights (e.g. steps, exit ways, etc.)
- Other Lighting

▪Outline Dimension



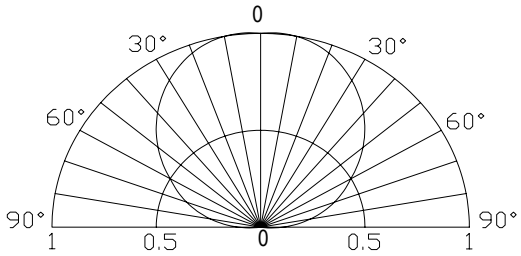
Unite:mm
Tolerance:±0.20mm

▪Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	50 x 3	mA
Pulse Forward Current*	I_{FP}	120 x 3	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	130 x 3	mW
Operating Temperature	Topr	-30 ~ +85	℃
Storage Temperature	Tstg	-40~ +100	℃
Lead Soldering Temperature	Tsol	260℃/5sec	-

*Pulse width Max. 10ms, Duty ratio max 1/10

▪Directivity

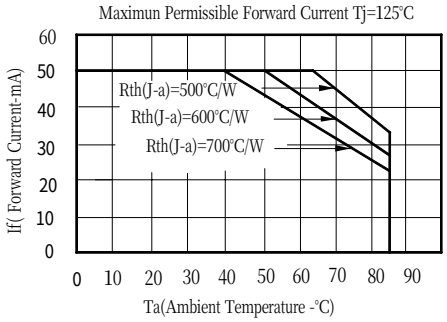


▪Electrical -Optical Characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	I_F=40mA x 3	1.8	2.1	2.6	V
DC Reverse Current	I_R	V_R=5V	-	-	10	μA
Domi. Wavelength*	λ_D	I_F=40mA x 3	606	610	616	nm
Luminous Intensity*	Iv	I_F=40mA x 3	3000x3	4200x3	-	mcd
Luminous Flux *	Iv	I_F=40mA x 3	8 x 3	9 x 3	-	lm
50% Power Angle	$2\theta_{1/2}$	I_F=40mA x 3	-	120	-	deg

*1 Tolerance of dominant wavelength is ±1nm
*2 Tolerance of luminous Flux is ±15%

■Maximum Forward DC Current



LED & Application Technologies

ATTENTION
OBSERVE PRECAUTIONS
ELECTROSTATIC
SENSITIVE DEVICES