

Data Sheet

-----Part No : SS10RSADD -----

■ Features:

- 1.Low power consumption.
- 2.High efficiency.
- 3.Reliable and rugged.
- 4.Chip Material: GaAlInP
- 5.Lens Color: Diffused
6. Source Color: **RED**

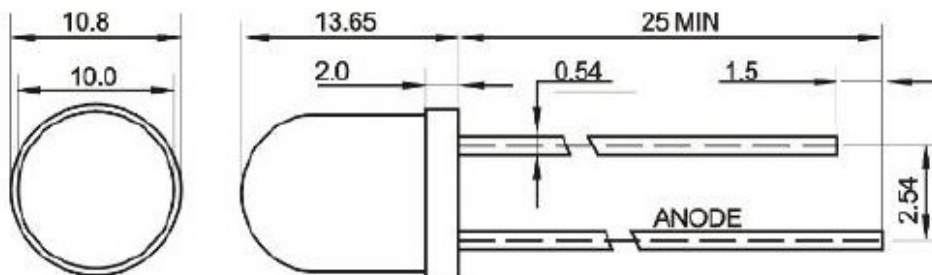


ATTENTION

OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE DEVICES

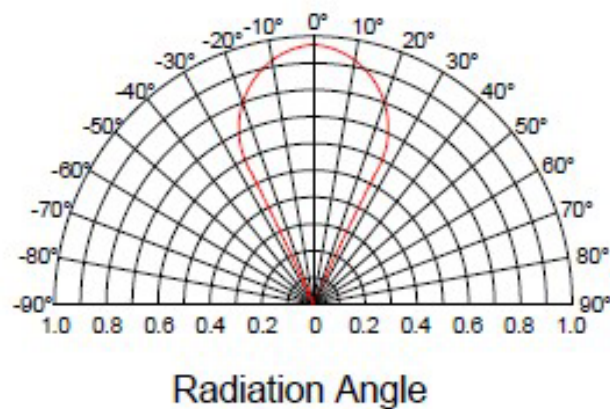
■ Outline Dimensions:

Pack Dimensions (mm)



UNIT:mm

Radiation Characteristics



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■ Absolute Maximum Ratings at Ta=25℃ :

Parameter	Maximum	Unit
Power Dissipation	100	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	70	mA
Continuous Forward Current	30	mA
Reverse Voltage	5	V
Operating temperature range	-40℃ to + 80℃	
Storage Temperature Range	-40℃ to + 100℃	
Lead Soldering Temperature [1.6mm(0.63") from body]	260℃ for 3 Seconds	

■ Electrical/Optical Characteristics at Ta=25℃ :

Parameter	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Luminous Intensity	I_v	$I_F=20\text{mA}$	200		450	mcd
Dominant Wavelength	λ_d	$I_F=20\text{mA}$	620	630	635	nm
Viewing Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	40		60	deg
Forward Voltage	V_F	$I_F=20\text{mA}$	1.9	2.1	2.5	V
Reverse Current	I_R	$V_R=5\text{V}$			10	μA

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