

MODEL : SLR5001SGA3GW

MAXIMUM RATINGS AT $T_A = 25^\circ\text{C}$ (SINGLE GREEN CHIP)

Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-30°C to +80°C

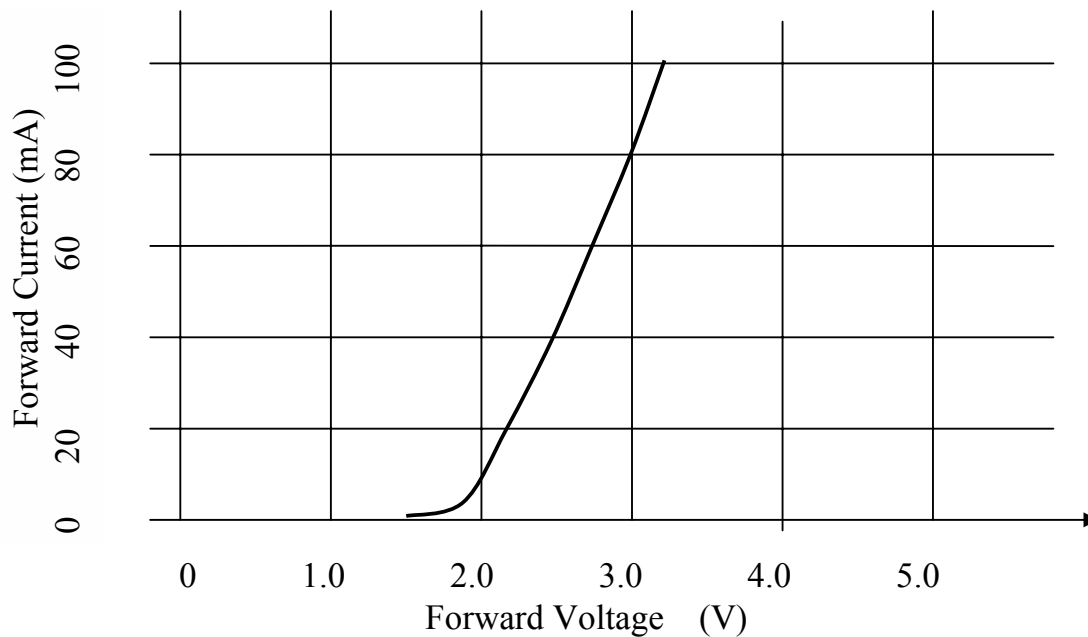
DC Forward Current	25 mA
Peak Forward Current (1/10 duty cycle @1kHz)	100 mA
Reverse Voltage	10 V

ELECTRICAL / OPTICAL CHARACTERISTICS

SINGLE GREEN CHIP @ $T_A = 25^\circ\text{C}$ $I_F = 20\text{mA}$

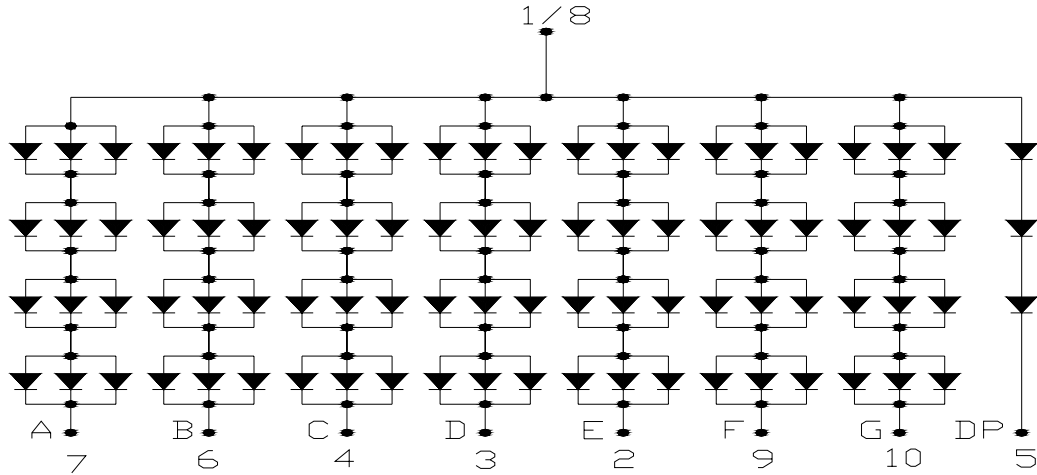
Symbol (unit)	Description	Min.	Typ.	Max.
V(f)	Forward Voltage/Chip	1.80	2.15	2.60
$I_r(\mu\text{A})$	Reverse Current ($V_r=5\text{V}$)			10.0
$I_v(\text{mcd})$	Luminous Intensity/Chip	11.0	16.0	18.5
$\lambda_p(\text{nm})$	Peak Wavelength		568	
$\lambda_d(\text{nm})$	Dominant Wavelength		572	
$\Delta\lambda(\text{nm})$	Halfwidth		30	
$\tau(\text{ns})$	Optical Rise Time		25	

Peak Forward Voltage vs. Forward Current (Single Chip, 100us test pulse, 1% duty cycle.):



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Circuit Diagram:



Package Dimension (Unit: mm Unmarked Tolerance: ± 0.15 mm)

