

White LED

SW602A-041

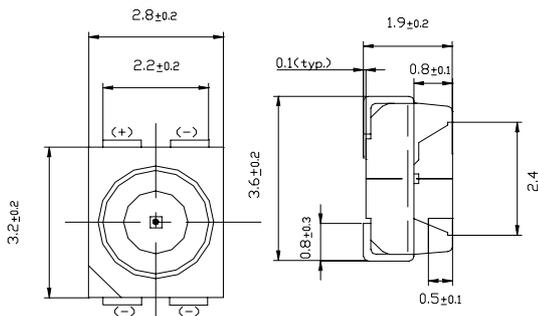
Date	Spec. Number	Ver.
2006/8/15	TS-041-00	PRELIMINARY

Device Selection Guide

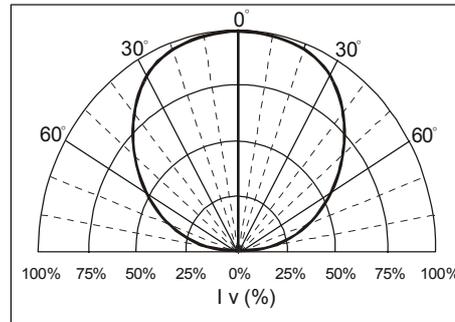
Part Number EOS-	Luminous Intensity I_v (mcd) @ $I_F = 30\text{mA}$		Viewing Angle $2\theta_{1/2}$	Chromaticity @ $I_F = 30\text{mA}$		Forward Voltage V_F (V) @ $I_F = 30\text{mA}$		I_R (μA) @ $V_R = 5\text{V}$
	Min.	Typ.	Typ.	X(Typ.)	Y(Typ.)	Typ.	Max.	Max.
SW602A-041	560	900	120°	0.31	0.32	3.9	4.25	10

BIN #	5U	4V	5V	4W	
Intensity (mcd) @ $I_F=30\text{mA}$	560-715	715-900	900-1125	1125-1400	

Package Dimensions



Beam Pattern



Note:

- All dimensions are in millimeter.
- Tolerance is $\pm 0.20\text{mm}$ unless otherwise note.
- Specifications are subject to be changed without notice.

Absolute Maximum Ratings at $T_A = 25^\circ\text{C}$

Parameter	Symbol	Maximum Value	USER---APPROVED
Average Forward Current	I_F	30mA	
Peak Forward Current ^[a]	I_{peak}	200mA	
Reverse Voltage	V_R	5V	
Power Dissipation	P_D	127.5mW	
Operating Temperature Range	T_{OPR}	-40°C ~ + 100°C	
Storage Temperature Range	T_{STO}	-40°C ~ + 100°C	
Lead Soldering Temperature	T_{SOL}	260°C / 5 seconds	

Notes: [a] $t_p \leq 10 \mu\text{s}$, Duty Cycle = 0.005

Headquarters

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