

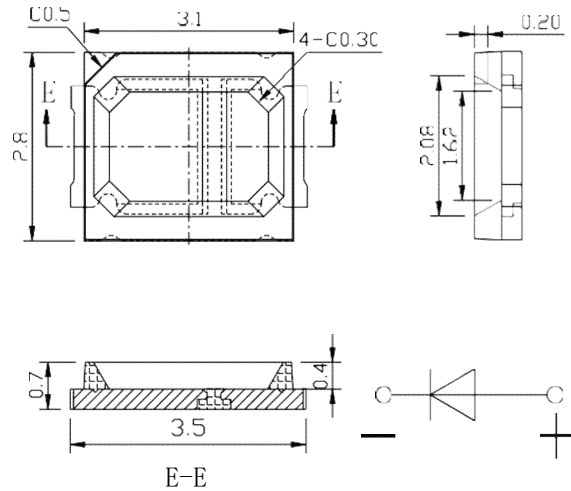
GNL-2835xx Series

(using Gold bonding wire and copper frame)

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter	Symbol	Max	Unit
DC Forward Current	I_F	30	mA
Reverse Voltage	V_R	6	V
Reverse Current (Vr=5V)	I_R	10	μ A
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	I_{FP}	80	mA
Operation Temperature	Topr	-25-80	°C
Storage Temperature	Tstg	-30-80	°C
Solder Dip (6 seconds, 1.6mm from body) Temperature		260	°C

Package Dimensions



1、 All dimensions are in millimeters

2、 Tolerance of + or - 0.25mm 0.010 in. (unless otherwise noted)

Part Number	EMITTED COLOR		Peak Wavelength (nm)	Vf (v) Typ	If (mA) Typ	CRI (Ra)	Power (W)	Luminous Flux mcd@60mA		View Angle 2 1/2 θ
								Min.	Max.	
GNL-2835UEC	AlGaInP	red	620-625	2.0	60		0.2	1500	2000	120°
GNL-2835UYC	AlGaInP	Amber	590-595	2.0	60		0.2	1500	2000	120°
GNL-2835UBC	INGaN	Blue	460-465	3.0	60		0.2	1200	1500	120°
GNL-2835PGC	INGaN	Green	520-525	3.0	60		0.2	5000	6000	120°
GNL-2835UWC	INGaN	White	6000K-6500K	3.2	60	80	0.2	25Lm	27Lm	120°
GNL-2835UWC-M	INGaN	Sun White	4000K-4500K	3.2	60	80	0.2	25Lm	27Lm	120°
GNL-2835UWC-Y	INGaN	Warm white	3000K-3200K	3.2	60	80	0.2	25Lm	27Lm	120°