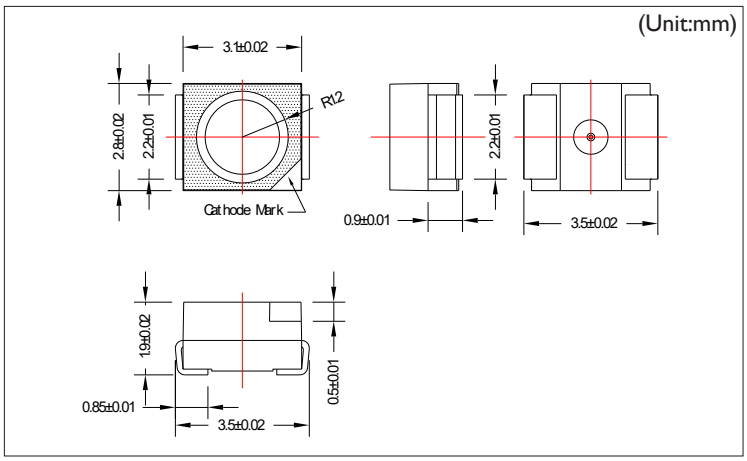

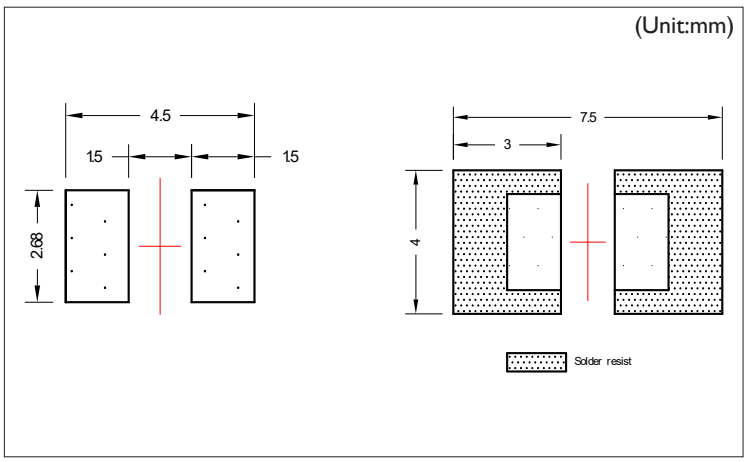

View Angle: 120 (2 1/2)
PlCC2 3528 Type
Super Luminosity LED
For Automotive/Lightung

■ Absolute Maximum Ratings

(Ta@25°C)

Model No. ※1	Radiation color	Radiation material	Power dissipation P(mW)	Forward current I_F(mA)	Peak forward current I_{FM}(mA) ※2
P2EAB	Blue	InGaN	105	30	100
P2EAG	Pure-Green	InGaN	108	30	100
P2EATR	Orange-Red	AlInGaP/Sapphire	120	50	100
P2EATY	Yellow	AlInGaP/Sapphire	125	50	100
P2EBWH-Z-1929	Ice Blue	InGaN	115	30	100
P2EKWH-D	Warm White	InGaN	72	30	100

■ Electro-Optical Characteristics

(IF=20mA Ta@25°C)

Model No.	Lens color	Forward voltage	Luminous intensity	Dominant wavelength	Peak emission wavelength	Spectral helf width	Reverse current		View angle
		V_F(V) TYP	I_V(mcd) TYP	λd(nm) TYP	λ_P(nm) TYP	Δλ(nm) TYP	I_R(μA) MAX	V_R(V)	Degree
P2EAB	Water Clear	3.0	500	470	465	20	10uA	5V	120
P2EAG	Water Clear	3.0	2000	525	515	30			120
P2EATR	Water Clear	2.1	900	625	635	15			120
P2EATY	Water Clear	2.1	910	590	593	15			120
P2EBWH-Z-1929	Green	3.1	2000	X=0.20 Y=0.30	-	-			120
P2EKWH-D	Yellow	3.1	2000	X=0.41 Y=0.39	-	-			120

※1. Reflow soldering should not be done more than two times.(led side last stage)
※2. When soldering, do not put stress on the LEDs during heating.
※3. Hand soldering condition: 350°C for 3 Sec, but not recommended in production process.
※4. In Pick and place process avoid touching led lens.