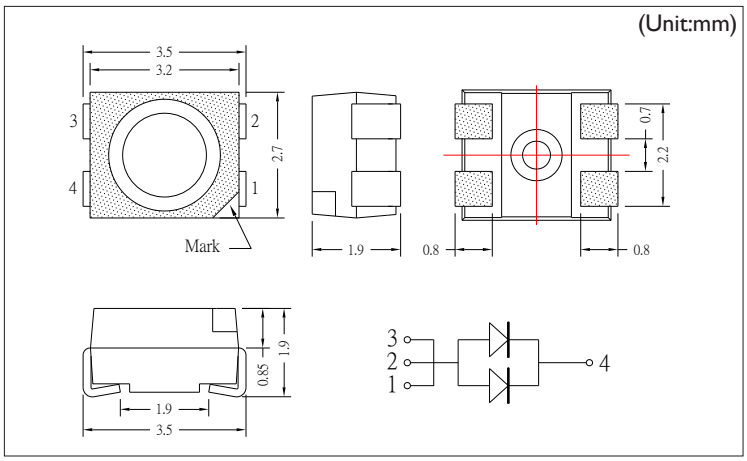

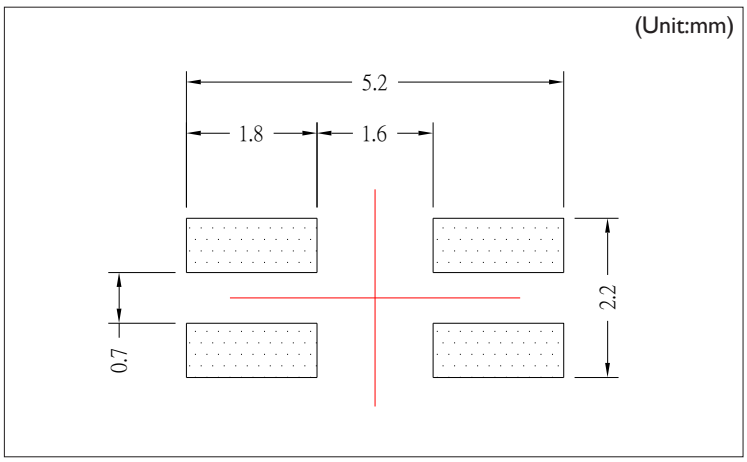

View Angle: 120 (2 1/2)
PlCC4 3528 Type
Super Luminosity LED
For Automotive/Lightung

■ 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
P4EA2B-BF	InGaN	InGaN	216	60	100
P4EA2G-BF	InGaN	InGaN	216	60	100
P4EKWH-L14Z	InGaN	InGaN	380	100	150
P4EPWH-L14Z	InGaN	InGaN	380	100	150
P4HSTR-BF	AlInGaP	AlInGaP	130	70	100
P4HSTY-BF	AlInGaP	AlInGaP	150	70	100
P4L2PE-BF	InGaN	InGaN	216	60	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
P4EA2B-BF	Water Clear	3.4	700	470	465	20	10uA	5V	120
P4EA2G-BF	Water Clear	3.4	4000	525	515	30			120
P4EKWH-L14Z	Yellow	3.1	5500	X=0.41 Y=0.39	-	-			120
P4EPWH-L14Z	Yellow	3.1	5500	X=0.31 Y=0.32	-	-			120
P4HSTR-BF	Water Clear	2.2	2200	625	635	15			120
P4HSTY-BF	Water Clear	2.5	2300	590	596	15			120
P4L2PE-BF	Water Clear	3.4	1900	505	505	30			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.