



View Angle: 120 (2 1/2)
Plcc2 2835 Type
Super Luminosity LED
For Automotive/Lighting

■ 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}
PJ2EDB-35Z	Blue	InGaN	875	250	300
PJ2EPG-35Z	Pure-Green	InGaN	875	250	300
PJ2EPWH-L20Z	White	InGaN	540	150	200
PJ2HSTR-20	Orange-Red	AlInGaP/Si	625	250	300
PJ2HSTY-20	Yellow	AlInGaP/Si	625	250	300

■ Electro-Optical Characteristics

(IF=20mA Ta@25°C)

Model No.	Lens color	Forward voltage	Luminous intensity	Dominant wavelength	Peak emission wavelength	Spectral half 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
PJ2EDB-35Z	Water Clear	3.0	2600	460	465	20	10μA	5V	120
PJ2EPG-35Z	Water Clear	2.8	12000	535	535	30			120
PJ2EPWH-L20Z	Yellow	3.2	39 lm	x=0.31 Y=0.32	-	-			120
PJ2HSTR-20	Water Clear	2.1	4500	625	635	15			120
PJ2HSTY-20	Water Clear	2.1	4500	590	595	15			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.