

LED LAMP

Absolute Maximum Ratings

Parameter	Symbol	Value			Unit
		5E34EXXD-DC1	5E3HGXXD-DC1	5E3HBXXD-DC1	
Forward Current	IF	25	25	25	mA
Peak Forward Current	IFP	150	100	100	mA
Electrostatic Discharge	ESD	-	2000	2000	V
Reverse Voltage	VR	5			V
Operating Temperature	T _{opr}	-30 to +65			°C
Storage Temperature	T _{stg}	-30 to +85			°C
Soldering Temperature	T _{sl}	260±5			°C

Feature

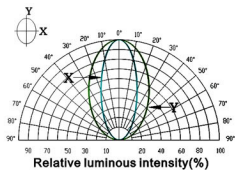
- 5Φ Oval Package
 - Diffused, Tinted
 - Viewing Angle
- (2θ 1/2:40° (X) / 70° (Y))

Applications

RED GREEN BLUE

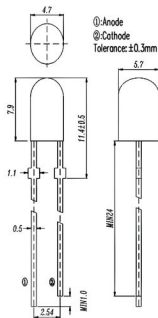
Indoor and outdoor displays, full color displays, accessories, electrical appliances.

Radiation Diagram



Outline Dimensions

(Unit:mm)



Note: *1:IFP Conditions --- Pulse Width ≦ 1msec and Duty ≦ 1/10.
*2:Soldering time ≦ 5 seconds.

Characteristics

(T_a = 25°C)

5E34EXXD-DC1	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Red	V _F	IF=20mA	-	2.0	2.5	V
Reverse Current		I _R	VR=5V	-	-	10	μA
Luminous Intensity		I _v	IF=20mA	260	-	1600	mcd
Dominant Wavelength		λ _d	IF=20mA	615	625	635	nm
Half Bandwidth		Δλ	IF=20mA	-	16	-	nm

5E3HGXXD-DC1	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Green	V _F	IF=20mA	-	3.2	4.0	V
Reverse Current		I _R	VR=5V	-	-	10	μA
Luminous Intensity		I _v	IF=20mA	1200	-	7200	mcd
Dominant Wavelength		λ _d	IF=20mA	515	525	535	nm
Half Bandwidth		Δλ	IF=20mA	-	35	-	nm

5E3HBXXD-DC1	Color	Symbol	Conditions	Min.	Typ.	Max.	Unit
Forward Voltage	Blue	V _F	IF=20mA	-	3.2	4.0	V
Reverse Current		I _R	VR=5V	-	-	10	μA
Luminous Intensity		I _v	IF=20mA	360	-	2200	mcd
Dominant Wavelength		λ _d	IF=20mA	460	470	480	nm
Half Bandwidth		Δλ	IF=20mA	-	30	-	nm