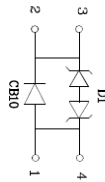
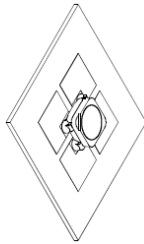
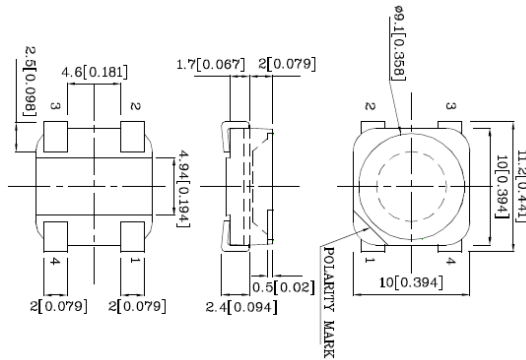


# Package Dimensions

P/N: ECB95W  
10x10mm High Power LED



### Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01")$  unless otherwise noted.
3. Lead spacing is measured where the lead emerge package.
4. Specifications are subject to change without notice.

Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=350mA) cd [1]		Luminous Flux (IF=350mA) lm		Viewing Angle $2\theta$ 1/2 [2]
			min.	typ.	min.	typ.	
Blue	AlGaInN	Water Clear	1.8	2.7	10	15	120°

Parameter	Symbol	Value	Unit
Power Dissipation	Pt	1.25	W
Junction Temperature	Tj	110	°C
Reverse Voltage	Vr	5	V
Operating Temperature	Top	-40 To +85	°C
Storage Temperature	Tstg	-40 To +85	°C
DC Forward Current [1]	If	350	mA
Peak Forward Current [3]	Ifm	500	mA
Thermal Resistance [1]	Rth	9	°C/W
Electrostatic Discharge Threshold (HBM)		8000	V

### Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Value	Unit
Wavelength At peak Emission If=350mA [Typ.]	$\lambda$ peak	452	nm
Dominate Wavelength If=350mA [Typ.]	$\lambda$ dom	458	nm
Spectral Bandwidth at 50%Φ REL MAX If=350mA [Typ.]	$\Delta\lambda$	20	nm
Reverse Current VR=5V [Max.]	IR	10	uA
Forward Voltage If=350mA [Min.]	VF	2.8	V
Forward Voltage If=350mA [Typ.]		3.2	
Forward Voltage If=350mA [Max.]		3.6	
Temperature Coefficient Of Ipeak If=350mA, -10°C ≤ T ≤ 100°C [Typ.]	TC $\lambda$ peak	0.2	nm/°C
Temperature Coefficient Of Idom If=350mA, -10°C ≤ T ≤ 100°C [Typ.]	TC $\lambda$ dom	0.1	nm/°C
Temperature Coefficient Of VF If=350mA, -10°C ≤ T ≤ 100°C [Typ.]	TCv	-3.2	mV/°C