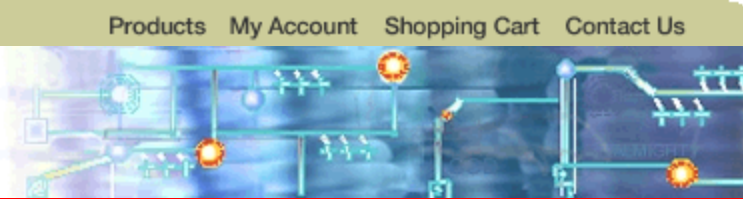




LC LED



LC LED-N300TSGB4D: 3mm Green & Blue Bicolor High Flux LED Lamp

LC LED T1 3mm Blue and Green (25mA) Clear LED Lamp

PRODUCT DESCRIPTION	
(1) RoHS Compliant Part	(4) Moisture & UV Resistance Epoxy Len
(2) Super Bright Bi-Color 3mm Blue & Green LED Lamp	(5) Sun Light Viewable LED Lamp
(3) Excellent color mixing characteristics	(6) Rugged design suitable for both indoor & outdoor use

Absolute Maximum Rating (Ta = 25°C)

PARAMETER	MAXIMUM RATING	UNITS
DC Forward Current	30	mA
Peak Pulse Forward Current (1)	100	mA
Avg. Forward Current	30	mA
Operating Temperature	-40 to +100	°C
Storage Temperature	-40 to +100	°C
Lead Soldering Temperature	260°C for 3 seconds (4.0mm or 0.157 inch from Body)	

(1) Pulse conditions of 1/10 duty and 10msec width, for long operating life, max. of 20mA recommended

Electro-optical Characteristics (Ta = 25°C)

PARAMETER	SYMBOL	CONDITIONS	MIN.	TYP.	MAX.	UNIT
Forward Voltage (Blue)	V_F	$I_F = 25\text{mA}$	3.0		3.5	V
Forward Voltage (Green)	V_F	$I_F = 25\text{mA}$	3.0		3.5	V
Reverse Voltage	V_R	$I_R = 100\mu\text{A}$			5	V
Dominant Wavelength (Blue)	λ_D	$I_F = 25\text{mA}$	460		470	nm
Dominant Wavelength (Green)	λ_D	$I_F = 25\text{mA}$	520		530	nm
Viewing Angle	2θ1/2	$I_F = 25\text{mA}$		30		Deg.
Luminous Intensity (Blue)	I_V	$I_F = 25\text{mA}$	3,000		5,000	mcd
Luminous Intensity (Green)	I_V	$I_F = 25\text{mA}$	9,000		13,500	mcd

DEVICE DRAWING

