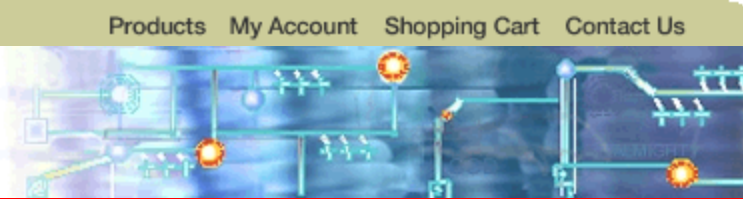




# LC LED



## LC LED-N300TSRY4D: 3mm Red & Yellow High Flux Bicolor LED Lamp

### LC LED T1 3mm Red and Yellow (25mA) LED Lamp (30 Degree)

PRODUCT DESCRIPTION	
(1) RoHS Compliant Part	(4) Moisture & UV Resistance Epoxy Len
(2) Super Bright Bi-Color 3mm Red & Yellow 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 width 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 (Red)	$V_F$	$I_F = 25\text{mA}$	1.7		2.1	V
Forward Voltage (Yellow)	$V_F$	$I_F = 25\text{mA}$	1.8		2.2	V
Reverse Voltage	$V_R$	$I_R = 100\mu\text{A}$			5	V
Dominant Wavelength (Red)	$\lambda_D$	$I_F = 25\text{mA}$	625		635	nm
Dominant Wavelength (Yellow)	$\lambda_D$	$I_F = 25\text{mA}$	589		592	nm
Viewing Angle	201/2	$I_F = 25\text{mA}$		30		Deg.
Luminous Intensity (Red)	$I_V$	$I_F = 25\text{mA}$	3,000		5,000	mcd
Luminous Intensity (Yellow)	$I_V$	$I_F = 25\text{mA}$	3,000		5,000	mcd

### DEVICE DRAWING

