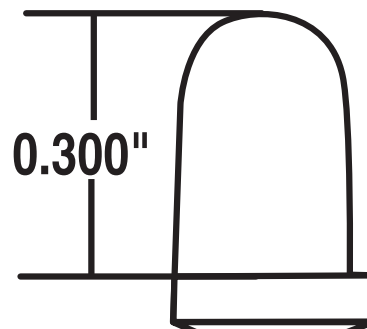
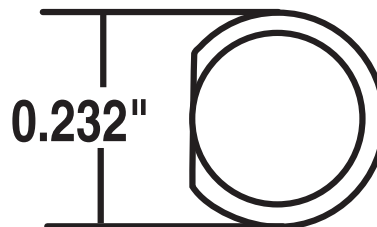




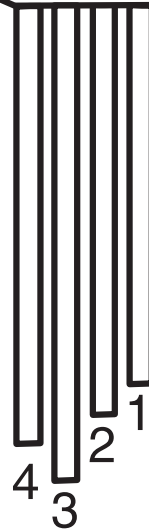
Part Number: 08LHHRBG

Red
Blue
Green

T - 1 $\frac{3}{4}$ Multi Color LED



Pin 1: Green
Pin 2: Blue
Pin 3: Common
Pin 4: Red



Selection Guide

Part No.	Dice	Lens Type	Iv (mcd) [2] @ 20mA		Viewing Angle [1]
			Min.	Typ.	2θ1/2
08LHHRBG	Red	WHITE CLEAR	380	750	40°
	Blue		180	450	
	Green		180	500	

Electrical / Optical Characteristics at 25°C

Symbol	Parameter	Device	Typ.	Max.	Units	Test Conditions
λ_{peak}	Peak Wavelength	Red Blue Green	640 468 520		nm	I _F =20mA
λ_D [1]	Dominant Wavelength	Red Blue Green	630 470 525		nm	I _F =20mA
$\Delta\lambda_{1/2}$	Spectral Line Half-width	Red Blue Green	25 21 35		nm	I _F =20mA
C	Capacitance	Red Blue Green	45 100 100		pF	V _F =0V;f=1MHz
V _F [2]	Forward Voltage	Red Blue Green	1.9 3.2 3.2	2.5 4 4	V	I _F =20mA
I _R	Reverse Current	Red Blue Green		10 10 10	uA	V _R =5V

Absolute Maximum Ratings at 25°C

Parameter	Red	Blue	Green	Units
Power dissipation	75	120	120	mW
DC Forward Current	30	30	30	mA
Peak Forward Current [1]	200	100	100	mA
Reverse Voltage	5			V