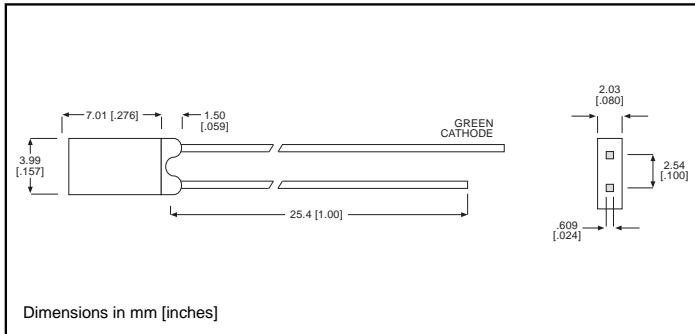


2mm x 4mm Discrete LED  
 Rectangular - Bi-Color  
 Non-Tinted, Diffused

**Dialight**  
 521-9640, -9743



PART NO.	COLOR
521-9640	Yellow/Green
521-9743	Red/Green

ABSOLUTE MAXIMUM RATINGS (T <sub>A</sub> =25°C)	Yellow/Green	Red/Green
	-9640	-9743
Power Dissipation (mW)	60/100	100/100
Forward Current (mA)	20/30	30/30
Derating (mA/°C) From 50°C	.25/.4	.4/.4
Peak Current (mA)	80/120	120/120
Pulse width = 100 μs		
Operating Temperature (°C)	-55/+100	-55/+100
Storage Temperature (°C)	-55/+100	-55/+100
Soldering Temperature	260°C, 5 seconds, 1.6 mm from case	

Solder Adherence per MIL-STD-202E, Method 208C

OPERATING CHARACTERISTICS (T <sub>A</sub> =25°C)		Yellow/Green	Red/Green
		-9640	-9743
Luminous Intensity (mcd)	Min.	.7/1.1	1.7/1.7
	Typical	2.5/3.7	5.6/5.6
Peak Wavelength (nm)	Typical	585/565	630/565
λ Peak			
Viewing Angle (2Θ <sup>1/2</sup> )	Typical	140°	140°
Forward Voltage (V)	Typical	2.1/2.1	2/2.1
	Max.	2.8/2.8	2.8/2.8

Θ<sup>1/2</sup> is the off axis angle at which the luminous intensity is half the axial luminous intensity

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