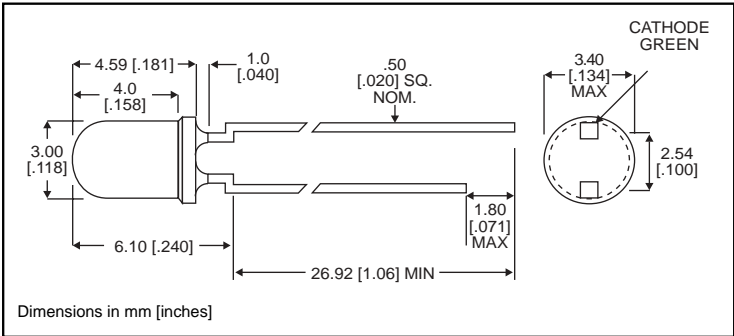


3mm Discrete LED
Bi-Color
Non-Tinted, Diffused

Dialight

521-9459



PART NO. 521-9459
COLOR Red/Green

MOUNTING CLIP: 515-0006
located on page 4-65

4

ABSOLUTE MAXIMUM RATINGS (T _A =25°C)		Red/Green -9459
Power Dissipation (mW)		140
Forward Current (mA)		45
Derating (mA/°C)	From 25°C	.6
Peak Current (mA)		1000
Pulse width = 10μs		
Operating Temperature (°C)		-55/+100
Storage Temperature (°C)		-55/+100
Soldering Temperature	260°C, 5 seconds, 1.6 mm from case	
Solder Adherence per MIL-STD-202E, Method 208C		

OPERATING CHARACTERISTICS (T _A =25°C)		Red/Green -9459
Luminous Intensity (mcd)	Min.	2.5/3.7
I _F =10mA	Typical	4.7/10
Peak Wavelength (nm)	Typical	635/565
λ Peak		
Viewing Angle (2Θ½)	Typical	50°
Forward Voltage (V)	Typical	2/2.1
I _F =10mA	Max.	2.8/2.8

Θ ½ is the off axis angle at which the luminous intensity is half the axial luminous intensity