

550-3x09



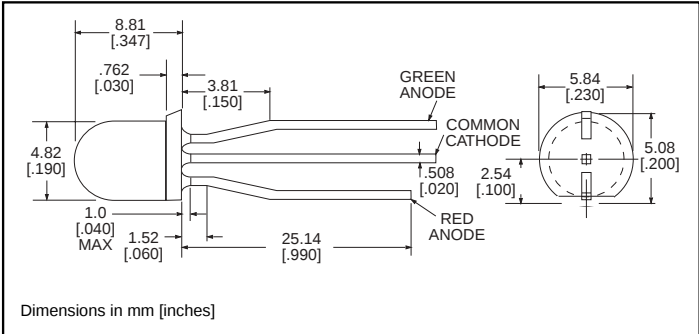
5mm Discrete LED

Bi-Color

3 Leded, Non-Tinted, Diffused

Dialight

521-9450, -9460



PART NO.	LED COLOR
521-9450	Red/Green
521-9460	Yellow/Green NEW

MOUNTING CLIP: 515-0004
located on page 6-48

ABSOLUTE MAXIMUM RATINGS ($T_A=25^{\circ}\text{C}$)	Red/Green	Yellow/Green
	-9450	-9460
Power Dissipation (mW)	135/135	135/135
Forward Current (mA)	25/25	25/25
Derating (mA/ $^{\circ}\text{C}$) From 50 $^{\circ}\text{C}$ 1. From 40 $^{\circ}\text{C}$	.5/.5	.5/.5
Peak Current (mA)	90/90	90/90
Pulse width = 10 μs		
Operating Temperature ($^{\circ}\text{C}$)	-20/+85	-20/+85
Storage Temperature ($^{\circ}\text{C}$)	-55/+100	-55/+100
Soldering Temperature	260 $^{\circ}\text{C}$, 5 seconds, 1.6 mm from case	

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

OPERATING CHARACTERISTICS ($T_A=25^{\circ}\text{C}$)		Red/Green	Yellow/Green
		-9450	-9460
Luminous Intensity (mcd)	Min.	2.1/4.2	2.1/4.2
$I_F=10\text{mA}$	Typical	5/8	5/8
Peak Wavelength (nm)	Typical	635/565	583/565
λ_{Peak}			
Viewing Angle ($2\Theta^{\frac{1}{2}}$)	Typical	65 $^{\circ}$	65 $^{\circ}$
Forward Voltage (V)	Typical	2.1/2.3	2.1/2.1
$I_F=10\text{mA}$	Max.	2.5/2.7	2.5/2.5

$\Theta^{\frac{1}{2}}$ is the off axis angle at which the luminous intensity is half the axial luminous intensity

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