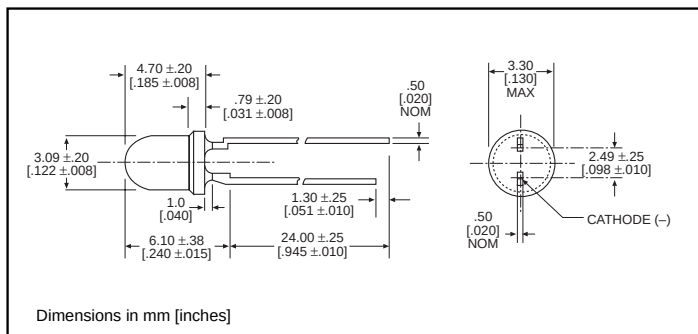


3mm Discrete LED High Efficiency Diffused

Dialight

521-94xx



TYPE
 521-9408
 521-9427
 521-9428

COLOR
 Green
 Red
 Yellow

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

ABSOLUTE MAXIMUM RATINGS ($T_A=25^\circ\text{C}$)

	Green -9408	Red -9427	Yellow -9428
Power Dissipation (mW)	75	60	60
Forward Current (mA)	25	20	20
Derating (mA/ $^\circ\text{C}$) From 50°C	.5	.5	.5
Peak Current (mA)	60	60	60
Operating Temperature ($^\circ\text{C}$)	-25/+85	-25/+85	-25/+85
Storage Temperature ($^\circ\text{C}$)	-30/+100	-30/+100	-30/+100
Soldering Temperature	260 $^\circ\text{C}$, 5 seconds, 1.6 mm from case		

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

OPERATING CHARACTERISTICS ($T_A=25^\circ\text{C}$)

		Green -9408	Red -9427	Yellow -9428
Luminous Intensity (mcd)	Min.	5.6	3.6	2.2
	Typical	16	10	6.3
Peak Wavelength (nm)	Typical	563	650	585
λ Peak				
Viewing Angle (2θ $^\circ$)	Typical	45 $^\circ$	45 $^\circ$	45 $^\circ$
Forward Voltage (V)	Typical	2.1	2	2.1
	Max.	3	3	3
Reverse Voltage (V), $I_R=10\mu\text{A}$	Min.	3	3	3

θ $^\circ$ is the off axis angle at which the luminous intensity is half the axial luminous intensity