

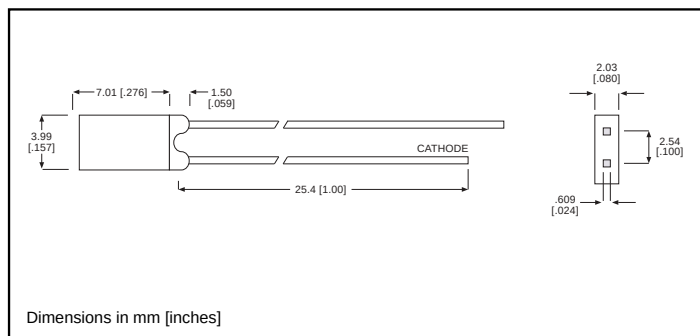
2mm x 4mm Discrete LED

Rectangular

Tinted

Dialight

521-9606, -9607, -9658



PART NO.

521-9606

521-9607

521-9658

COLOR

Green

Yellow

Red

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

	Green -9606	Yellow -9607	Red -9658
Power Dissipation (mW)	100	60	100
Forward Current (mA)	30	20	30
Derating (mA/°C) From 50°C	.4	.25	.4
Peak Current (mA) Pulse width = 100 μs	120	80	120
Operating Temperature (°C)	-55/+100	-55/+100	-55/+100
Storage Temperature (°C)	-55/+100	-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_A=25°C)

		Green -9606	Yellow -9607	Red -9658
Luminous Intensity (mcd)	Min.	2.2	2.2	1.1
I _F =10mA	Typical	3.7	3.7	3.7
Peak Wavelength (nm) λ Peak	Typical	565	585	635
Viewing Angle (2Θ ^{1/2})	Typical	104°	104°	104°
Forward Voltage (V)	Typical	2.1	2.1	2.1
I _F =20mA	Max.	2.8	2.8	2.8
Reverse Voltage (V), I _R =100μA	Min.	5	5	5

Θ¹ is the off axis angle at which the luminous intensity is half the axial luminous intensity