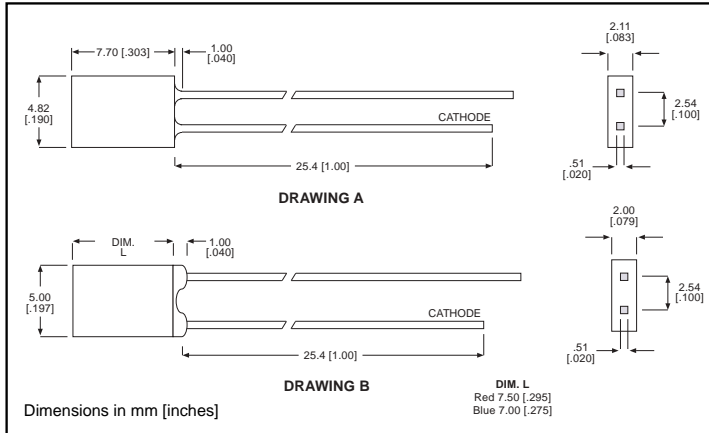


2mm x 5mm Discrete LED
Rectangular
Tinted, Diffused

Dialight

521-9332, -9452, -9499, -9718



PART NO.	COLOR	DRAWING
521-9332	Green	A
521-9452	Yellow	A
521-9499	Red	B
521-9718	Blue	B

ABSOLUTE MAXIMUM RATINGS (T _A =25°C)	Green	Yellow	Red	Blue
	-9332	-9452	-9499	-9718
Power Dissipation (mW)	135	85	100	189
Forward Current (mA)	30	20	30	30
Derating (mA/°C) From 50°C 1. mW/°C From 25°C	.5	.34	.4	.45 ¹
Peak Current (mA)	500*	500*	120	180
<i>Pulse width = 1 ms *Pulse width = 10 μs</i>				
Operating Temperature (°C)	-20/+100	-55/+100	-55/+100	-25/+75
Storage Temperature (°C)	-55/+100	-55/+100	-55/+100	-25/+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	Yellow	Red	Blue
		-9332	-9452	-9499	-9718
Luminous Intensity (mcd)	Min.	2.6	2.2	3	9
	Typical	4	3.5	7.4	18
I _F =20mA					
Peak Wavelength (nm)	Typical	565	583	635	430
λ Peak					
Viewing Angle (2Θ ^{1/2})	Typical	110°	110°	140°	120°
Forward Voltage (V)	Typical	2.2	2.1	2	5.3
	Max.	3	2.6	2.8	6
I _F =20mA					
Reverse Voltage (V), I _R =100μA	Min.	5	5	5	5

Θ^{1/2} is the off axis angle at which the luminous intensity is half the axial luminous intensity