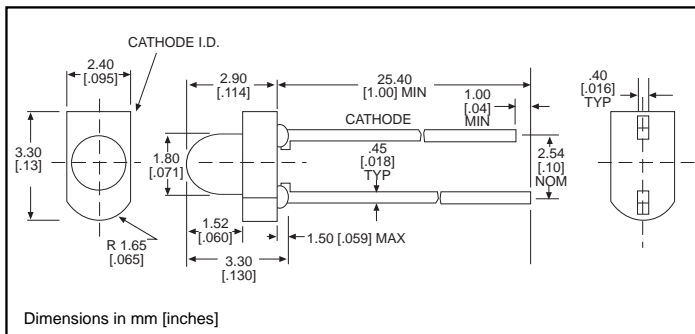


2mm Discrete LED Diffused

Dialight

521-9630, -9631, -9632



PART NO.

521-9630

521-9631

521-9632

COLOR

Red

Yellow

Green

3

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

	Red -9630	Yellow -9631	Green -9632
Power Dissipation (mW)	100	60	100
Forward Current (mA)	30	20	30
Derating (mA/°C) From 25°C	.4	.25	.4
Peak Current (mA) Pulse width = 10μs	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		

OPERATING CHARACTERISTICS (T_A=25°C)

		Red -9630	Yellow -9631	Green -9632
Luminous Intensity (mcd)	Min.	3.7	3.7	2.5
I _F =10mA	Typical	12.6	12.6	8.7
Peak Wavelength (nm)	Typical	635	585	565
λ _{Peak}				
Viewing Angle (2Θ _{1/2})	Typical	38°	38°	38°
Forward Voltage (V)	Typical	2	2.1	2.1
I _F =20mA	Max.	2.8	2.8	2.8
Reverse Voltage (V), I _R =100μA	Min.	5	5	5

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