

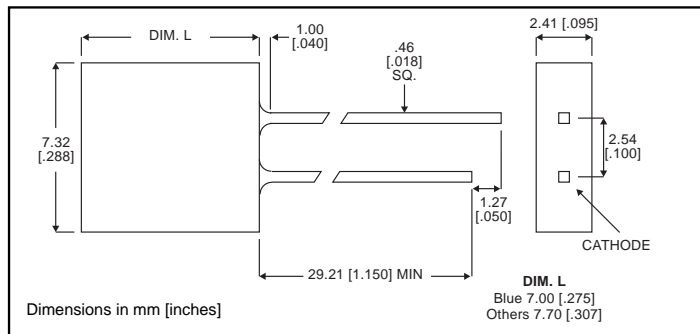
2.5mm x 7mm Discrete LED

Rectangular

Tinted

Dialight

521-9264, -9265, -9266



PART NO.

521-9264

521-9265

521-9266

COLOR

Red

Yellow

Green

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

	Red -9264	Yellow -9265	Green -9266
Power dissipation (mW)	135	85	135
Derating (mW/°C) From 50°C	1.8	1.6	1.8
Forward Current (mA)	30	20	30
Peak Current (mA) Pulse width = 10µs	500	500	500
Operating Temperature (°C)	-55/+100	-55/+100	-20/+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)

		Red -9264	Yellow -9265	Green -9266
Luminous intensity (mcd) I _F =20mA	Min.	2.5	3	1.5
	Typical	5	5	2.5
Peak Wavelength (nm) λ Peak	Typical	635	583	565
Viewing Angle (2θ ^{1/2})	Typical	100°	100°	100°
Forward Voltage (V) I _F =20mA	Typical	1.9	2.1	2.3
	Max.	2.6	2.6	3
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