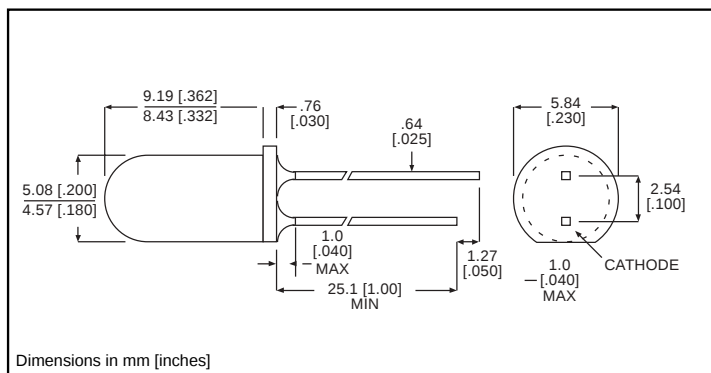


5mm Discrete LED Integral Resistor, 5 Volts Diffused

Dialight

521-9183, -9284



PART NO.

521-9183

521-9284

LED COLOR

Red

Yellow

MOUNTING CLIP: 515-0004
located on page 6-48

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

	Red -9183	Yellow -9284
Forward Voltage (V)	7.5	7.5
Derating (V/°C) From 50°C	.071	.071
Operating Temperature (°C)	-40/+85	-40/+85
Storage Temperature (°C)	-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 -9183	Yellow -9284
Luminous Intensity (mcd)	Min.	2	2
V _F = 5V	Typical	8	8
Peak Wavelength (nm)	Typical	635	583
λ Peak			
Viewing Angle (2θ ¹)	Typical	60°	60°
Forward Current (I)	Typical	10	10
V _F = 5V	Max	15	15
Reverse Voltage (V), I _R =100μA	Min.	5	5

θ¹ is the off axis angle at which the luminous intensity is half the axial luminous intensity

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