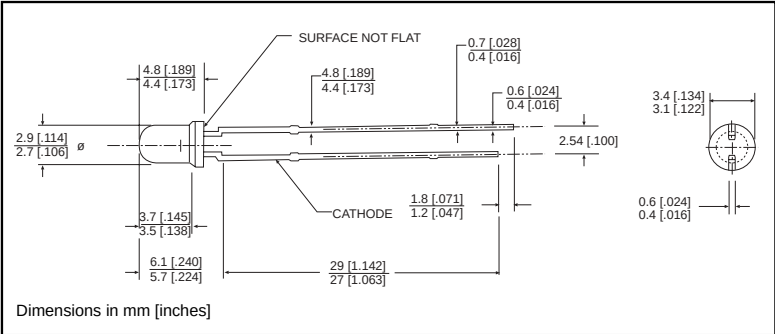




3mm Discrete LED
Tinted, Diffused



521-9831



PART NO. 521-9831
COLOR Blue³

MOUNTING CLIP: 515-0006
located on page 4-65



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ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

	Blue -9831
Power Dissipation (mW)	100
Forward Current (mA)	20
Derating (mA/°C) From 55°C	.44
Operating Temperature (°C)	-40/+100
Storage Temperature (°C)	-40/+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)

	Blue -9831
Luminous Intensity (mcd)	Min. 6.3
I _F =10mA	Typical 12
Peak Wavelength (nm)	Typical 428
λ Peak	
Viewing Angle (2Θ½)	Typical 70°
Forward Voltage (V)	Typical 3.5
I _F =10mA	Max. 4.2
Reverse Voltage (V) I _R =10μA	Min. 3

Θ½ is the off axis angle at which the luminous intensity is half the axial luminous intensity