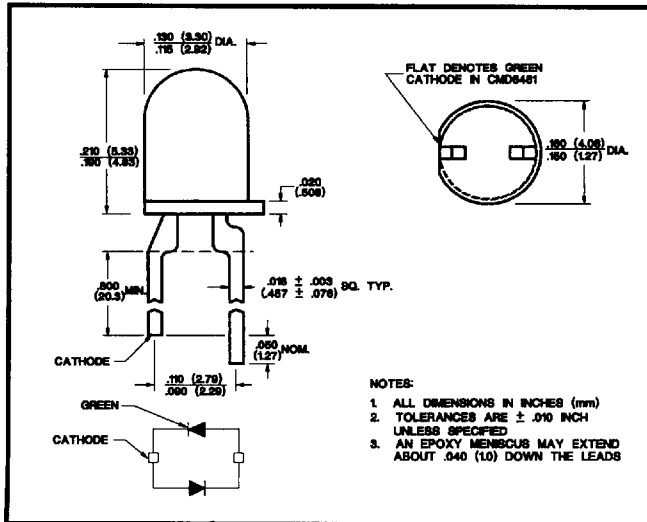




T-100 (T-1) Bi-Color/Bi-Polar LED Lamps

DESCRIPTION AND FEATURES



The CMD6461 is a White diffused wide view angle dual chip, four-state lamp utilizing deep Red AlGaAs and High Efficiency Green GaP. When AC driven, the lamp appears orange. The CMD6661 is a Red diffused wide view angle bi-polar Red lamp featuring Red AlGaAs and GaAsP/GaP technology. These lamps provide excellent uniformity and visual appeal. Additionally, these lamps incorporate radically improved die off-center characteristics and improved durability to soldering heat.

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ELECTRO-OPTICAL CHARACTERISTICS

Part Number	Emitted Color	Lens Color	Package Type	Luminous Intensity			Forward Voltage			Capacitance pF Vr=0, f=1MHz	Peak Wavelength (nm)	View Angle (Degrees)
				Min. mcd	Typ. mcd	mA	Typ.	Max.	mA			
CMD6461	Red	White	Diffused	2.5	10.0	20	2.1	3.0	20	—	650	100
	H.E. Green			2.5	10.0	20	2.1	3.0	20	—	567	100
CMD6661	Red	Red	Diffused	2.5	10.0	20	2.1	3.0	20	—	650	100
	H.E. Red			2.5	10.0	20	2.1	3.0	20	—	630	100

ABSOLUTE MAXIMUM RATINGS

Power Dissipation.....	135 mW
Storage/Operating Temperature.....	-55°C to +100°C
Lead Solder Time at 260°C	5 Seconds
Peak Forward Current (1 micro second pulse, 0.3% duty cycle)	90 mA
Reverse Voltage (IR = 100µA)	5.0 V
Average Forward Current	25 mA