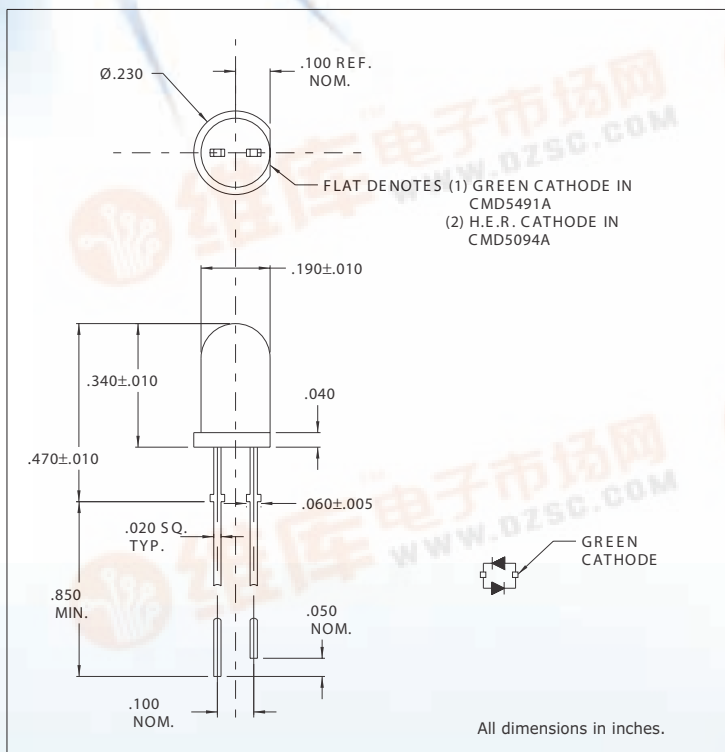




T-1 3/4 Bi-Color/Bi-Polar LED Lamps

DESCRIPTION AND FEATURES



The green/red CMD5491A Bi-Color LED lamp is a white diffused, very wide view angle, dual chip, four-state lamp utilizing dark red AlGaAs and High Efficiency Green GaP/GaP. AC driven, the LED lamp appears orange. The CMD5094A is a red diffused, very wide view angle Bi-Polar red (AC) lamp utilizing red AlGaAs and High Efficiency Red GaAsP/GaP chips. Both are perfect for direct viewing and provide excellent uniformity and visual appeal.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

PART NUMBER	CMD5491A	CMD5094A
Output Color	Green/Red	Red/H.E.Red
Diffusion	Diffused	Diffused
Package Color	White	White
Test Current (mA)	20	20
Forward Voltage Typ. (V)	2.3	2.3
Forward Voltage Max. (V)	3.0	3.0
Luminous Intensity Min. (mcd)	2.0	2.0
Luminous Intensity Typ. (mcd)	6.0	6.0
Luminous Intensity Max. (mcd)	-	-
Peak Wavelength (nm)	568/650	630/650
Viewing Angle 20 1/2 (degrees)	100	75
Power Dissipation (mW)	135	135
Operating Temperature (°C)	-55 to +100	-55 to +100
Storage Temperature (°C)	-55 to +100	-55 to +100
Peak Forward Current Max. (1μs @ 0.3% duty cycle) (mA)	90	90
D.C. Forward Voltage (mW)	13	4
Average Forward Current (mA)	30	30