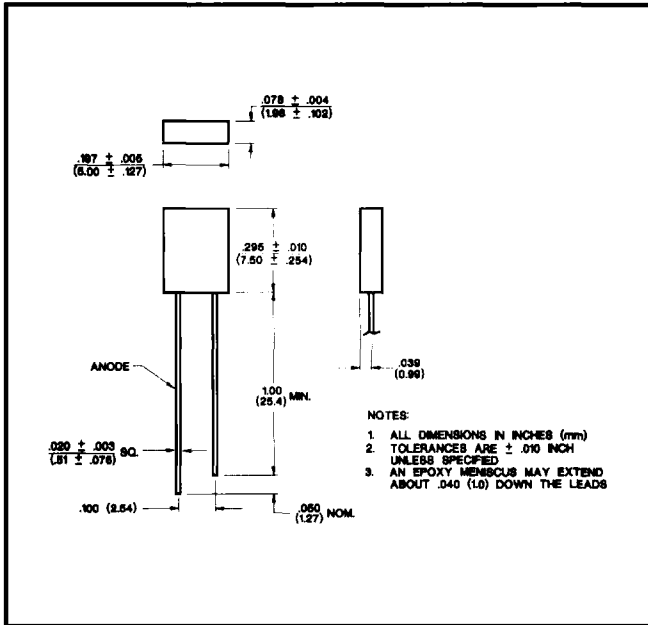




2 x 5 mm Rectangular LED Lamps

DESCRIPTION AND FEATURES



These rectangular LED lamps provide a 2 x 5 mm lighted surface area. Stackable in X or Y direction, these lamps are typically used as legend backlighting, illuminated push-buttons, panel indicators and bar graph meters. The High Efficiency Red and Yellow lamps are produced with GaAsP/GaP and the High Efficiency Green lamp is produced with GaP/GaP.

4

Solid State
Products

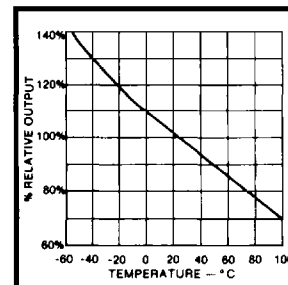
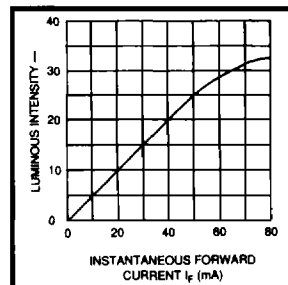
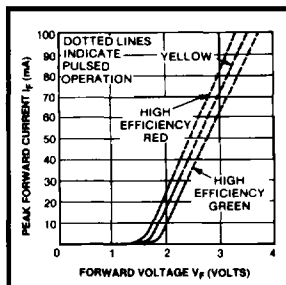
ELECTRO - OPTICAL CHARACTERISTICS

Part Number	Emitted Color	Lens Color	Lens Type	Luminous Intensity			Forward Voltage			Capacitance pF Vr=0, f=1MHz	Peak Wavelength (nm)	View Angle (Degrees)
				Min. mcd	Typ. mcd	mA	Typ. mA	Max. mA	mA			
CMD53123	Yellow	Yellow	Diffused	1.0	4.0	20	2.1	4.0	20	—	585	100
CMD54123	H.E. Green	Green	Diffused	1.0	4.0	20	2.2	4.0	20	—	562	100
CMD57123	H.E. Red	Red	Diffused	1.0	4.0	20	2.0	4.0	20	—	635	100

ABSOLUTE MAXIMUM RATINGS

Power Dissipation.....	120 mW
Storage/Operating Temperature.....	-55°C to +100°C
Lead Solder Time at 260°C.....	5 Seconds
Peak Forward Current (1 micro second pulse width 300pps).....	90 mA
Reverse Voltage (IR = 100µA).....	5.0 V
Average Forward Current.....	30 mA

TYPICAL CHARACTERISTIC CURVES



Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product.