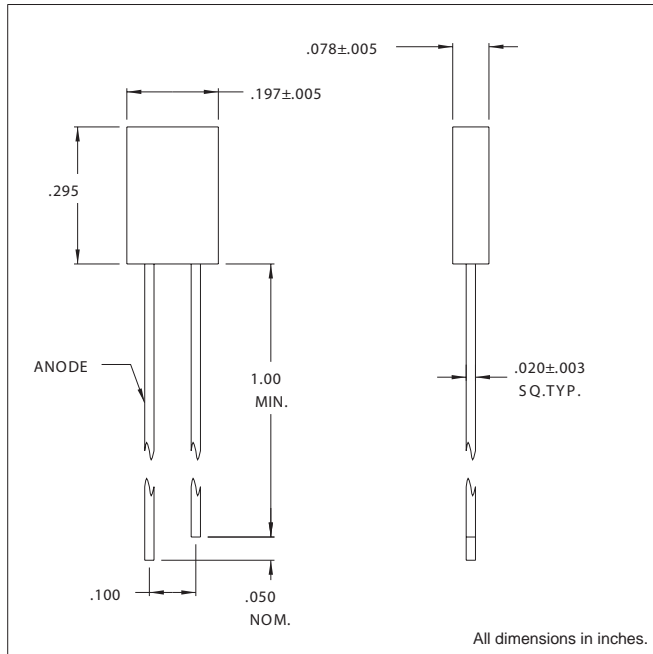




2 x 5mm Rectangular LED Lamps

DESCRIPTION AND FEATURES



These rectangular LED lamps provide a 2 x 5mm 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.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

PART NUMBER	CMD53123	CMD54123	CMD57123
Output Color	Yellow	H.E.Green	H.E.Red
Diffusion	Diffused	Diffused	Diffused
Package Color	Yellow	Green	Red
Test Current (mA)	20	20	20
Forward Voltage Typ. (V)	2.1	2.2	2.0
Forward Voltage Max. (V)	4.0	4.0	4.0
Luminous Intensity Min. (mcd)	1.0	1.0	1.0
Luminous Intensity Typ. (mcd)	4.0	4.0	4.0
Luminous Intensity Max. (mcd)	-	-	-
Peak Wavelength (nm)	585	562	635
Viewing Angle 2θ 1/2 (degrees)	100	100	100
Power Dissipation (mW)	120	120	120
Operating Temperature (°C)	-55 to +100	-55 to +100	-55 to +100
Storage Temperature (°C)	-55 to +100	-55 to +100	-55 to +100
Peak Forward Current (1ms pulse width 300pps)(mA)	90	90	90
Reverse Voltage (IR=100µA) (V)	5	5	5
Lead Solder Time @ 260°C	5	5	5

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