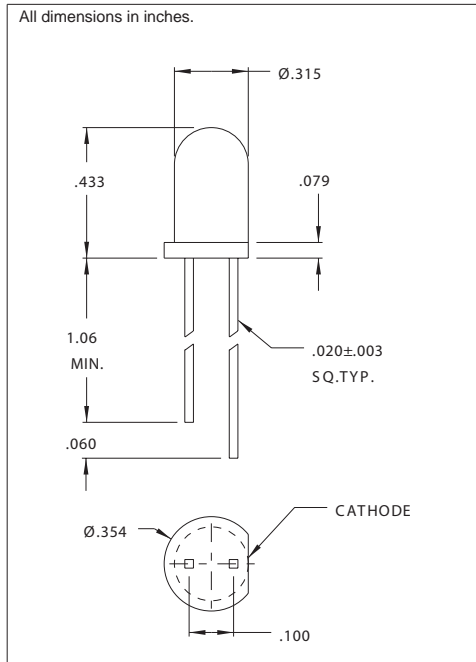




T-2 1/2 Super Brite LED Lamps

DESCRIPTION AND FEATURES



These T-2 1/2 (8mm) LED lamps provide exceptional luminous intensity in a larger diameter package. These lamps are ideal for applications requiring a predominant indicator/status light. Lamps are available in both wide view angle (diffused) and narrow view angle (non-diffused) packages. Luminous intensities as high as 300 mcd in non-diffused packages are available.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

PART NUMBER	CMD393ID	CMD393ED	CMD393GD	CMD393YD	CMD393VGD	CMD393VRD	CMD393HRC-3
Output Color	H.E.Red	H.E.Red	Green	Yellow	Green	H.E.Red	Red
Diffusion	Diffused	Diffused	Diffused	Diffused	Diffused	Diffused	Non-Diffused
Package Color	Red	Orange	Green	Yellow	Green	Red	Clear
Test Current (mA)	20	20	20	20	20	20	20
Forward Voltage Typ. (V)	2.0	2.0	2.1	2.0	2.1	2.0	1.7
Forward Voltage Max. (V)	2.8	2.8	2.8	2.8	2.8	2.8	2.4
Luminous Intensity Min. (mcd)	5.0	5.0	5.0	4.0	40.0	16.0	160.0
Luminous Intensity Typ. (mcd)	15.0	15.0	15.0	13.0	63.0	30.0	300.0
Luminous Intensity Max. (mcd)	-	-	-	-	-	-	-
Peak Wavelength (nm)	635	635	565	585	565	635	660
Viewing Angle 2θ 1/2 (degrees)	36	36	36	36	40	40	16
Power Dissipation (mW)	105	105	105	105	105	105	105
Operating Temperature (°C)	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Storage Temperature (°C)	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Peak Forward Current Max. (T<10ms) (mA)	150	150	150	150	150	150	150
Reverse Voltage (IR=100µA) (V)	5	5	5	5	5	5	5
Lead Solder Time @ 260°C	5	5	5	5	5	5	5