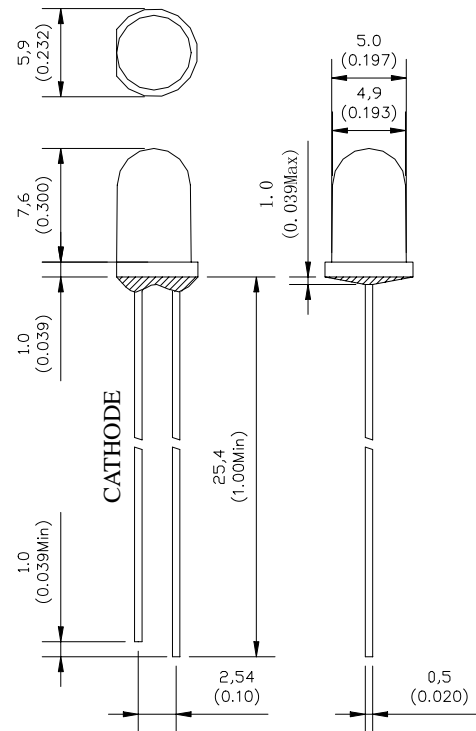




MCD-5013IRxx (Φ 5mm Infrared LED) IR LED series

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter			Unit
DC Forward Current	30		mA
Reverse Voltage	5		V
Reverse Current (Vr=5V)	10		μ A
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	150		mA
Operation Temperature	-40	+80	°C
Storage Temperature	-40	+100	°C
Solder Dip Temperature (5 seconds, 1.6mm from body)	300	\pm 5	°C



Feature:

- 1.Small flange without stand-off
- 2.Long life-solid state reliability
- 3.Long lead length(25.4mm)
- 4.Versatile mounting on P.C. board or panel

Description:

- 1.The shape of this series is round
- 2.General application is for remote controls,etc.
- 3.These LED lamps are available with a choice of defferent light intensities,epoxy colors,etc.

Part Number	EMITTED COLOR	Lens Color	Peak Wavelength (nm)	Vf (v) Typ.	Aperture Radiant Incidence If=20mA	View Angle 2 θ 1/2
MCD-5013IRAC-1	GaAlAs	Water Clear	940	1.60	4.0mW/sr	30°
MCD-5013IRAC	GaAlAs	Water Clear	940	1.50	8.0mW/sr	30°
MCD-5013IRBC	GaAlAs	Water Clear	880	1.35	11.0mW/sr	30°
MCD-5013IRCC	GaAlAs	Water Clear	850	1.45	14.0mW/sr	30°
MCD-5013IRAB-1	GaAlAs	Blue Transparent	940	1.60	3.5mW/sr	30°
MCD-5013IRAB	GaAlAs	Blue Transparent	940	1.50	7.0mW/sr	30°
MCD-5013IRBB	GaAlAs	Blue Transparent	880	1.35	10.0mW/sr	30°
MCD-5013IRCB	GaAlAs	Blue Transparent	850	1.45	13.5mW/sr	30°