

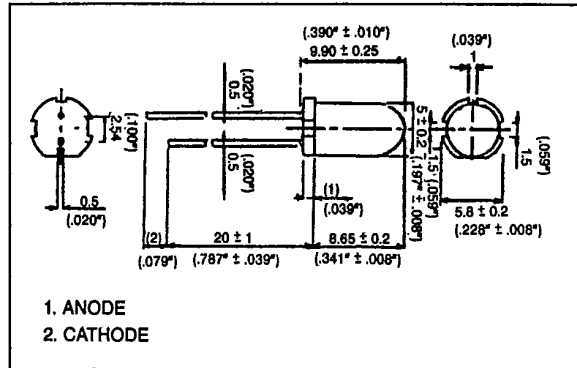
T-1 $\frac{3}{4}$ ULTRA BRIGHT LED LAMPS

APPLICATIONS

- PANEL CIRCUIT INDICATOR
- LIGHTED SWITCHES

FEATURES

- Ultra bright.
- All plastic mold type.
- Light red clear and diffused lens.
- Low drive current, high intensity.
- Excellent on/off contrast ratio.
- Fast response time, capable of pulse operation.



MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

PART NO.	FORWARD CURRENT (I_F) (mA)	REVERSE VOLTAGE (V_R) (V)	POWER DISSIPATION (P_D) (mW)	OPERATING TEMPERATURE (T_{opr}) ($^\circ\text{C}$)	STORAGE TEMPERATURE (T_{stg}) ($^\circ\text{C}$)
MT810-CUR	25	4	55	-20 ~ 75	-30 ~ 100
MT810-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT820-CUR	25	4	55	-20 ~ 75	-30 ~ 100
MT820-UR	25	4	55	-20 ~ 75	-30 ~ 100

OPTO-ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE	LUMINOUS INTENSITY (mcd)				FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH (nm)	SPEC. LINE HALF WIDTH (nm)
				typ.	min.	typ.	max. @mA	typ.	max.	@mA	μA	V_r		
MT810-CUR	GaAlAs	Light Red/Clear	15°			500	20	1.8	2.2	20	100	4	660	25
MT810-UR	GaAlAs	Light Red/Clear	15°			250	20	1.8	2.2	20	100	4	660	25
MT820-CUR	GaAlAs	Light Red/Diff	25°			300	20	1.8	2.2	20	100	4	660	25
MT820-UR	GaAlAs	Light Red/Diff	25°			150	20	1.8	2.2	20	100	4	660	25