

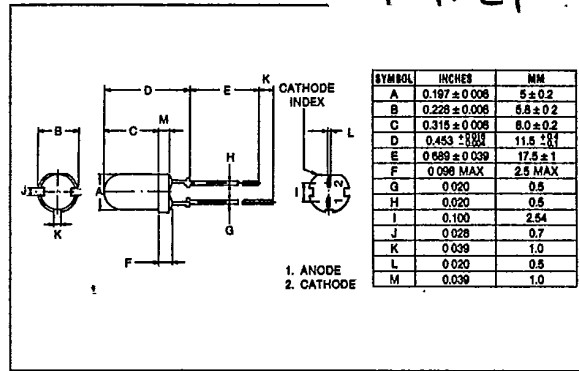
# T-1<sup>3</sup>/<sub>4</sub> ULTRA BRIGHT LED LAMPS

## APPLICATIONS

- PANEL CIRCUIT INDICATOR
- LIGHTED SWITCHES
- BAR CODE SCANNER
- MEASURING EQUIPMENT

## FEATURES

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



## MAXIMUM RATINGS (Ta = 25°C)

PART NO.	FORWARD CURRENT (IF) (mA)	REVERSE VOLTAGE (VR) (V)	POWER DISSIPATION (PD) (mW)	OPERATING TEMPERATURE (Topr) (°C)	STORAGE TEMPERATURE (Tstg) (°C)
MT1500A-UR	50	4	125	-20 ~ 85	-30 ~ 100
MT1000A-UR	50	4	125	-20 ~ 85	-30 ~ 100
MT500A-UR	50	4	125	-20 ~ 85	-30 ~ 100

## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°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	Vr		
MT1500A-UR	GaAlAs	Water/Clear	25°	1000	1500		20	1.8	2.4	20	100	4	660	25
MT1000A-UR	GaAlAs	Water/Clear	25°	550	1000	1350	20	1.8	2.4	20	100	4	660	25
MT500A-UR	GaAlAs	Water/Clear	25°	300	500	750	20	1.8	2.4	20	100	4	660	25