

MARKTECH INTERNATIONAL

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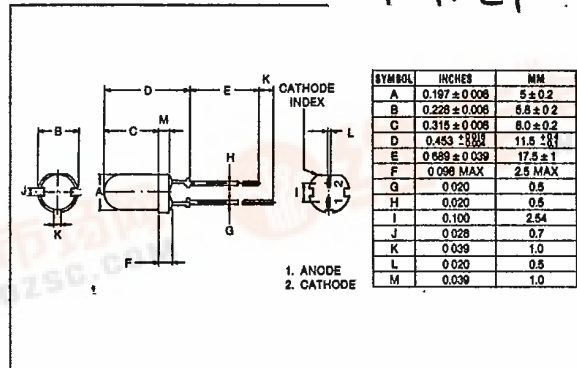
T-1 $\frac{3}{4}$ ULTRA BRIGHT LED LAMPS

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	SPEC. LINE HALF WIDTH	
			typ.	min.	typ.	max.	@mA	typ.	max.	@ mA	μA	Vr	nm	nm	
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	

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