

T-1³/₄ ULTRA BRIGHT LED LAMPS

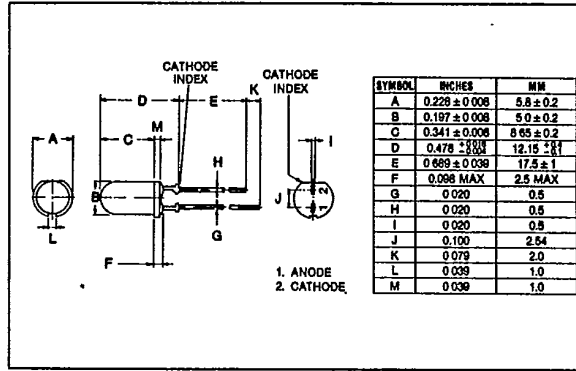
T-41-21

APPLICATIONS

- PANEL CIRCUIT INDICATOR
- VISIBLE EMITTER
- LIGHTED SWITCHES

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)
MT500-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT200-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT70-UR	25	4	55	-20 ~ 75	-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.	typ.	max.	@ mA	typ.	max.	@ mA	μA	Vr			
MT500-UR	GaAlAs	Water/Clear	15°	100	250	720	15	1.8	2.2	20	100	4	660	25			
MT200-UR	GaAlAs	Water/Clear	50°	6	22		20	1.75	2.2	20	100	4	660	25			
MT70-UR	GaAlAs	Water/Clear	15°		70		20	1.75	2.2	20	100	4	660	25			