

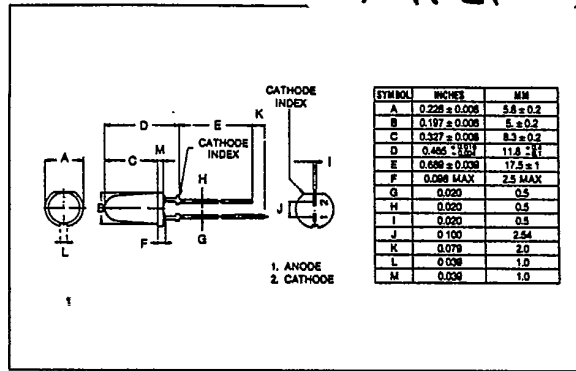
# T-1 $\frac{3}{4}$ TAPERED ULTRA BRIGHT LED LAMPS

## APPLICATIONS

- PANEL CIRCUIT INDICATOR
- LIGHTED SWITCHES

## FEATURES

- Ultra bright.
- All plastic mold type.
- Low drive current, high intensity.
- 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)
MT540-CUR	25	4	55	-20 ~ 75	-30 ~ 100
MT540-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT540-UG	25	4	70	-20 ~ 75	-30 ~ 100
MT540-UY	25	4	70	-20 ~ 75	-30 ~ 100
MT530-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT530-UG	25	4	70	-20 ~ 75	-30 ~ 100
MT530-UY	25	4	70	-20 ~ 75	-30 ~ 100
MT400-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT350A-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT220-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.	@mA	typ.	max.	@mA	μA		
MT540-CUR	GaAlAs	Red/Diff	30°	25	110		20	1.8	2.2	20	100	4	660	25
MT540-UR	GaAlAs	Red/Diff	30°	15	100		20	1.75	2.2	20	100	4	660	25
MT540-UG	GaP/GaP	Green/Diff	30°	20	60		20	2.1	2.8	20	5	4	565	25
MT540-UY	GaAsP/GaP	Yellow/Diff	30°	20	60		20	2.1	2.8	20	100	4	585	32
MT530-UR	GaAlAs	Red/Clear	10°	50	200		20	1.75	2.2	20	100	4	660	25
MT530-UG	GaP/GaP	Green/Clear	10°	60	120		20	2.1	2.8	20	5	4	565	25
MT530-UY	GaAsP/GaP	Yellow/Clear	10°	60	120		20	2.1	2.8	20	100	4	585	32
MT400-UR	GaAlAs	Water/Clear	8°	170	400	1100	20	1.8	2.2	20	100	4	660	25
MT350A-UR	GaAlAs	Water/Clear	8°	135	400	860	20	1.8	2.2	20	100	4	660	25
MT220-UR	GaAlAs	Water/Clear	8°	50	220		20	1.75	2.2	20	100	4	660	25