T-1 TAPERED ULTRA BRIGHT LED LAMPS

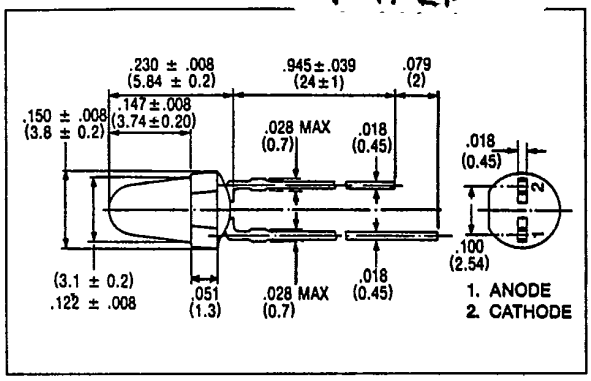
T-41-21

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 (I_F) (mA)	REVERSE VOLTAGE (V_R) (V)	POWER DISSIPATION (P_D) (mW)	OPERATING TEMPERATURE (T_{opr}) (°C)	STORAGE TEMPERATURE (T_{stg}) (°C)
MT600-CUR	25	4	55	-20 ~ 75	-30 ~ 100
MT600-CUG	40	4	120	-20 ~ 75	-30 ~ 100
MT640-CUR	25	4	55	-20 ~ 75	-30 ~ 100
MT630-CUR	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	SPEC. LINE HALF WIDTH
			typ.	min.	typ.	max.	@mA	typ.	max.	@ mA	μA	Vr	nm	nm
MT600-CUR	GaAlAs	Water/Clear	10°	110	300	720	20	1.8	2.2	20	100	4	660	25
MT600-CUG	GaP/GaP	Water/Clear	10°	63	150	320	20	2.1	2.8	20	5	4	565	25
MT640-CUR	GaAlAs	Red/Diff	25°	22	50	146	20	1.8	2.2	20	100	4	660	25
MT630-CUR	GaAlAs	Red/Clear	15°	90	240	560	20	1.75	2.2	20	100	4	660	25

marktech 120 Broadway • Menands, New York 12204 • (518) 436-5865 • FAX: (518) 436-5877