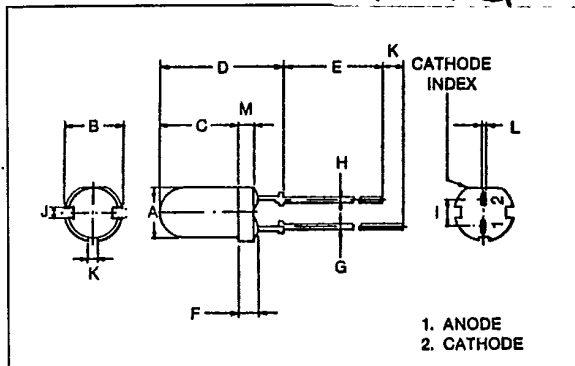


# T-1<sup>3</sup>/<sub>4</sub> ULTRA BRIGHT LED LAMPS

## FEATURES

- All plastic mold type.
- High intensity and moderate radiation angle.
- Fast response time.
- Capable of pulse operation.



SYMBOL	INCHES	MM
A	0.197 ± 0.008	5 ± 0.2
B	0.228 ± 0.008	5.8 ± 0.2
C	0.315 ± 0.008	8.0 ± 0.2
D	0.453 <sup>+0.018</sup> <sub>-0.004</sub>	11.5 <sup>+0.4</sup> <sub>-0.1</sub>
E	0.689 ± 0.039	17.5 ± 1
F	0.098 MAX	2.5 MAX

SYMBOL	INCHES	MM
G	0.020	0.5
H	0.020	0.5
I	0.100	2.54
J	0.028	0.7
K	0.039	1.0
L	0.020	0.5
M	0.039	1.0

## 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)
MT330A-Y	25	4	70	-20 ~ 75	-30 ~ 100
MT330A-G	25	4	70	-20 ~ 75	-30 ~ 100
MT340A-Y	25	4	70	-20 ~ 75	-30 ~ 100
MT340A-G	25	4	70	-20 ~ 75	-30 ~ 100
MT360-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT350-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT340-UR	25	4	55	-20 ~ 75	-30 ~ 100
MT330-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	SPEC. LINE HALF WIDTH
			typ.	min.	typ.	max.	@mA	typ.	max.	@mA	μA	Vr	nm	nm
MT330A-Y	GaAsP/GaP	Yellow/Clear	25°	10	50		15	2.1	2.8	20	100	4	585	32
MT330A-G	GaP/GaP	Green/Clear	25°	17	80		15	2.1	2.8	20	100	4	565	25
MT340A-Y	GaAsP/GaP	Yellow/Diff	30°	5	20		15	2.1	2.8	20	100	4	585	32
MT340A-G	GaP/GaP	Green/Diff	30°	6	30		15	2.1	2.8	20	100	4	565	25
MT360-UR	GaAlAs	Milky/Diff	30°	26	50		20	1.8	2.2	20	100	4	660	25
MT350-UR	GaAlAs	Water/Clear	25°	47	150	310	20	1.8	2.2	20	100	4	660	25
MT340-UR	GaAlAs	Red/Diff	30°	19	45	120	20	1.8	2.2	20	100	4	660	25
MT330-UR	GaAlAs	Red/Clear	25°	46	120	270	20	1.8	2.2	20	100	4	660	25