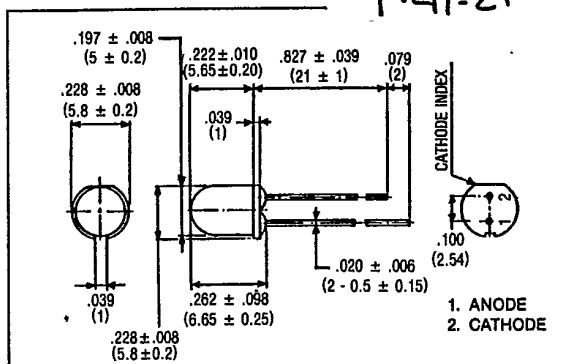


BACKLIGHTING LED LAMPS

FEATURES

- All plastic mold type, transparent lens.
- Wide radiation pattern-suitable for backlighting.
- Half angle = ± 65 deg. (Typ.) (limits for 50% of I_V)
- Recommended forward current:
 $I_F = 15 \sim 20$ mA (DC)
- Fast response time, capable of pulse operation.



MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

PART NO.	FORWARD CURRENT (I_F) (mA)	REVERSE VOLTAGE (V_R) (V)	POWER DISSIPATION (P_D) (mW)	OPERATING TEMPERATURE (T_{opr}) ($^\circ\text{C}$)	STORAGE TEMPERATURE (T_{stg}) ($^\circ\text{C}$)
MT263-HR	25	4	70	-20 ~ 75	-30 ~ 100
MT263-O	25	4	70	-20 ~ 75	-30 ~ 100
MT263-Y	25	4	70	-20 ~ 75	-30 ~ 100
MT263-G	25	4	70	-20 ~ 75	-30 ~ 100

OPTO-ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

PART NO.	MATERIAL	LENS COLOR	VIEWING ANGLE	LUMINOUS INTENSITY (mcd)				FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH	SPEC. LINE HALF WIDTH
			typ.	min.	typ.	at mA		typ.	max.	at mA	μA	V_r	nm	nm
MT263-HR	GaAsP/GaP	Red/Clear	130°	1.8	7.0	15		2.1	2.8	20	100	4	635	40
MT263-O	GaAsP/GaP	Orange/Clear	130°	1.8	6.5	15		2.1	2.8	20	100	4	610	35
MT263-Y	GaAsP/GaP	Yellow/Clear	130°	1.8	7.0	15		2.1	2.8	20	100	4	585	32
MT263-G	GaP/GaP	Green/Clear	130°	2.0	8.0	15		2.1	2.8	20	100	4	565	25