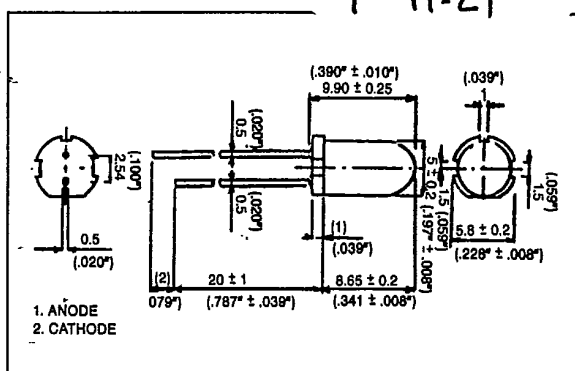


STANDARD T-1¾ LOW CURRENT LED LAMPS

FEATURES

- All plastic mold type.
- Low drive current, high intensity light emission.
- Excellent on/off contrast ratio.
- Fast response time, capable of pulse operation.



MAXIMUM RATINGS (T_a = 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)
MT820-R(2mA)	25	4	70	-20 ~ 75	-30 ~ 100
MT820-Y(2mA)	25	4	70	-20 ~ 75	-30 ~ 100
MT820-G(2mA)	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.	max.	@mA	typ.	max.	@mA	μA	Vr	nm	nm
MT820-R(2mA)	GaP/GaP	Light Red/Diff	15°	1.2	2.0		2	2.1	2.8	20	5	4	700	100
MT820-Y(2mA)	GaAsP/GaP	Light Yel/Diff	15°	1.2	1.8		2	2.1	2.8	20	100	4	585	32
MT820-G(2mA)	GaP/GaP	Light Grn/Diff	15°	1.2	1.8		2	2.1	2.8	20	5	4	565	25