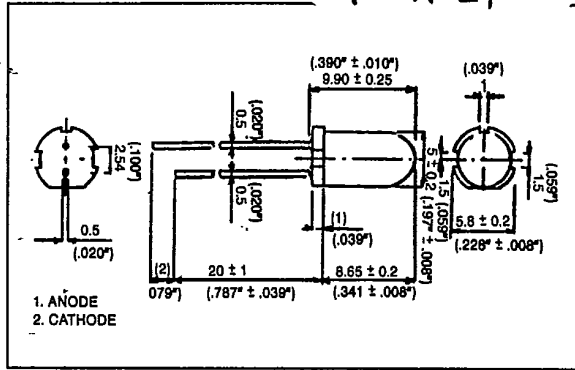


STANDARD T-1 $\frac{3}{4}$ LOW CURRENT LED LAMPS

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 (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)
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 (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.	typ.	max.	@ mA	typ.	max.	@ mA	μA	Vr			
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			