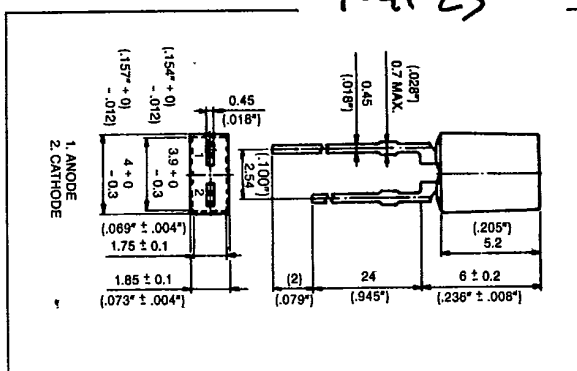


2x4mm RECTANGULAR LED LAMPS

FEATURES

- All plastic mold type.
- Low drive current.
- High intensity light emission.



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}) ($^\circ\text{C}$)
MT110-R	20	4	56	-20 ~ 75	-30 ~ 100
MT110-G	25	4	70	-20 ~ 75	-30 ~ 100
MT110-Y	25	4	70	-20 ~ 75	-30 ~ 100
MT110-O	25	4	70	-20 ~ 75	-30 ~ 100
MT110-HR	25	4	70	-20 ~ 75	-30 ~ 100

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

PART NO.	MATERIAL	LENS COLOR	SURFACE SIZE	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			REVERSE CURRENT		PEAK WAVELENGTH (nm)	SPEC. LINE HALF WIDTH (nm)
				min.	typ.	@mA	typ.	max.	@mA	μA	V_r		
MT110-R	GaP/GaP	Red/Diff	2x4	.5	1.2	20	2.1	2.8	20	5	4	700	100
MT110-G	GaP/GaP	Green/Diff	2x4	.5	1.2	20	2.1	2.8	20	5	4	565	25
MT110-Y	GaAsP/GaP	Yellow/Diff	2x4	.5	1.2	20	2.1	2.8	20	100	4	585	32
MT110-O	GaAsP/GaP	Orange/Diff	2x4	.5	1.2	20	2.1	2.8	20	100	4	610	35
MT110-HR	GaAsP/GaP	Red/Diff	2x4	.9	1.5	20	2.1	2.8	20	100	4	635	40