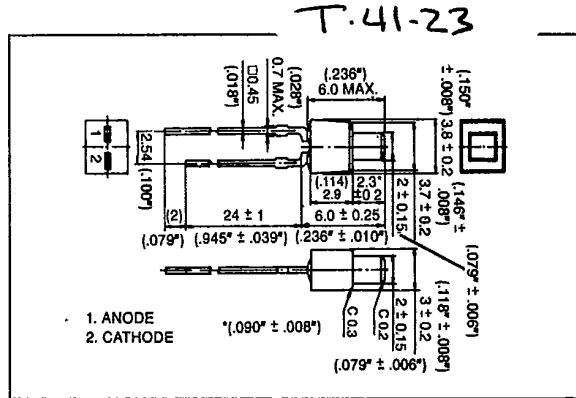


# 2x2mm RECTANGULAR LED LAMPS

## FEATURES

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



## 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)
MT2160-R	20	4	56	-20 ~ 75	-30 ~ 100
MT2160-G	25	4	70	-20 ~ 75	-30 ~ 100
MT2160-Y	25	4	70	-20 ~ 75	-30 ~ 100
MT2160-O	25	4	70	-20 ~ 75	-30 ~ 100
MT2160-HR	25	4	70	-20 ~ 75	-30 ~ 100
MT2160-PG	25	4	70	-20 ~ 75	-30 ~ 100

## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°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	Vr		
MT2160-R	GaP/GaP	Red/Diff	2x2	.4	.6	10	2.1	2.8	20	100	4	700	100
MT2160-G	GaP/GaP	Green/Diff	2x2	.6	1.5	10	2.1	2.8	20	100	4	585	25
MT2160-Y	GaAsP/GaP	Yellow/Diff	2x2	.5	1.2	10	2.1	2.8	20	100	4	585	32
MT2160-O	GaAsP/GaP	Orange/Diff	2x2	.5	1.0	10	2.1	2.8	20	100	4	610	35
MT2160-HR	GaAsP/GaP	Red/Diff	2x2	.4	1.5	10	2.1	2.8	20	100	4	635	40
MT2160-PG	GaP/GaP	Pure Green/Diff	2x2	.3	.7	10	2.1	2.8	20	100	4	555	20