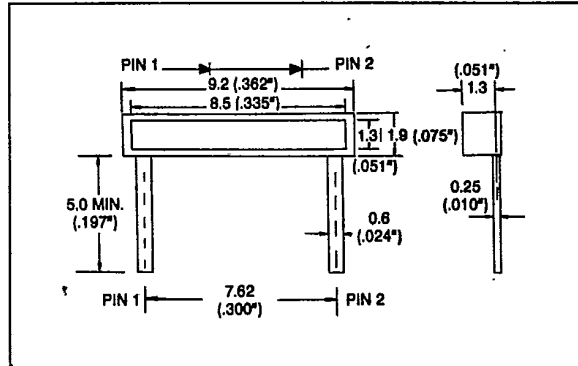


LED LUMINATORS

HIGHLIGHTS

- Thin package style for easy insertion under LCD's.
- No heat dissipation.
- Provides sturdy mechanical support for LCD module.
- Low power consumption.



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)
MTBL1410-R	25	6	100	-40 ~ 85	-55 ~ 100
MTBL2410-G	25	10	85	-40 ~ 85	-55 ~ 100
MTBL3410-Y	25	10	85	-40 ~ 85	-55 ~ 100
MTBL4410-O	25	10	85	-40 ~ 85	-55 ~ 100
MTBL4410-HR	25	10	85	-40 ~ 85	-55 ~ 100
MTBL5410-RG	25	10	85	-40 ~ 85	-55 ~ 100

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	PACKAGE STYLE (mm)	EMITTED COLOR	*LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)			**PEAK FORWARD CURRENT (A)	PEAK WAVELENGTH (nm)
			min.	typ.	@mA	typ.	max.	@mA		
MTBL1410-R	1.9x9.2	Red	3.0	5.0	10	3.4	4.0	20	1.0	655
MTBL2410-G	1.9x9.2	Green	6.6	11.0	10	4.2	6.0	20	1.0	567
MTBL3410-Y	1.9x9.2	Yellow	6.0	10.0	10	4.2	6.0	20	1.0	585
MTBL4410-O	1.9x9.2	Orange	7.5	12.5	10	4.2	6.0	20	1.0	635
MTBL4410-HR	1.9x9.2	Hi. Eff Red	7.5	12.5	10	4.2	6.0	20	1.0	635
MTBL5410-RG	1.9x9.2	GaP Red	4.2	7.0	10	4.2	6.0	20	1.0	700

*Iv (mcd/element)

**Ifp (1μS pulse/3% duty cycle)