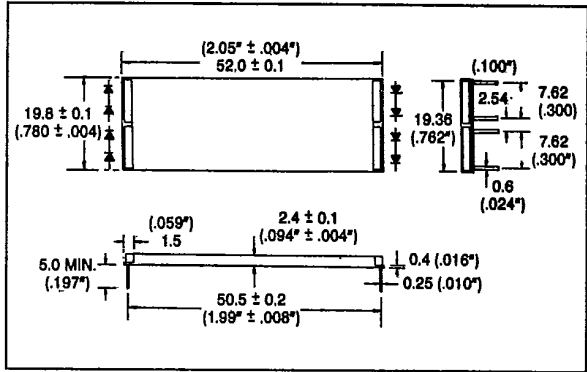


LED LUMINATORS

T-41-31

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 (I _F) (mA)	REVERSE VOLTAGE (V _R) (V)	POWER DISSIPATION (P _D) (mW)	OPERATING TEMPERATURE (T _{opr}) (°C)	STORAGE TEMPERATURE (T _{stg}) (°C)
MTBL1411-R	25	6	100	-40 ~ 85	-55 ~ 100
MTBL2411-G	25	10	85	-40 ~ 85	-55 ~ 100
MTBL3411-Y	25	10	85	-40 ~ 85	-55 ~ 100
MTBL4411-O	25	10	85	-40 ~ 85	-55 ~ 100
MTBL4411-HR	25	10	85	-40 ~ 85	-55 ~ 100
MTBL5411-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
			min.	typ.	@mA	typ.	max.	@mA	I _{FP}	nm
MTBL1411-R	19.8x52.0	Red	3.0	5.0	10	3.4	4.0	20	1.0	655
MTBL2411-G	19.8x52.0	Green	6.6	11.0	10	4.2	6.0	20	1.0	567
MTBL3411-Y	19.8x52.0	Yellow	6.0	10.0	10	4.2	6.0	20	1.0	585
MTBL4411-O	19.8x52.0	Orange	7.5	12.5	10	4.2	6.0	20	1.0	635
MTBL4411-HR	19.8x52.0	Hi. Eff Red	7.5	12.5	10	4.2	6.0	20	1.0	635
MTBL5411-RG	19.8x52.0	GaP Red	4.2	7.0	10	4.2	6.0	20	1.0	700

*I_v (mcd/element) **I_{FP}(1μS pulse/3% duty cycle)