

# LED Lamp Arrays

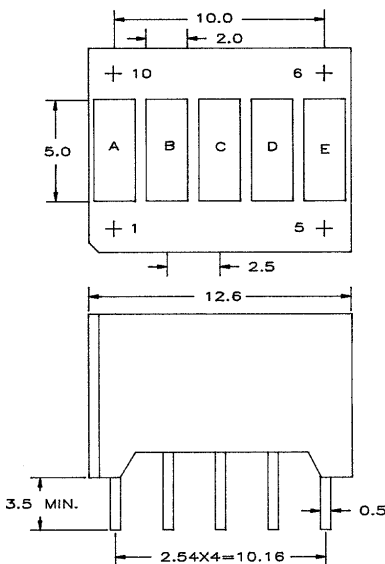
## FEATURES

- 5 segment LED Bar Graph Array
- Solid state reliability

## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	PEAK WAVE LENGTH (nm)	EMITTED COLOR	MAXIMUM RATINGS					OPTO ELECTRICAL CHARACTERISTICS						
			IF(mA)	VR(V)	PD (mW)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)	VF(V)			IR(μA)		IV(μcd)	
								typ.	max.	@mA	max.	@VR	typ.per seg.	@mA
MTB5000-RG	700	Red	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	900	10
MTB5000-G	567	Green	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	3400	10
MTB5000-Y	585	Yellow	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	2800	10
MTB5000-O	635	Orange	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	3900	10
MTB5000-HR	635	Hi-Eff Red	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	3900	10
MTB5000-UR	660	Ultra Red	30	4	70	-25~+85	-25~+100	1.9	2.5	20	100	4	34200	20

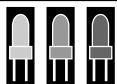
## PACKAGE DIMENSIONS AND PIN FUNCTIONS



### PIN NO. FUNCTION

1. A ANODE
2. B ANODE
3. C ANODE
4. D ANODE
5. E ANODE
6. E CATHODE
7. D CATHODE
8. C CATHODE
9. B CATHODE
10. A CATHODE

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS  $\pm 0.25$ mm UNLESS OTHERWISE SPECIFIED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE  $\pm 5.0^\circ$  MAX.



**marktech**  
**optoelectronics**

120 Broadway • Menands, New York 12204

Toll Free: (800) 98-4LEDS • Fax: (518) 432-7454