

LED Lamp Arrays

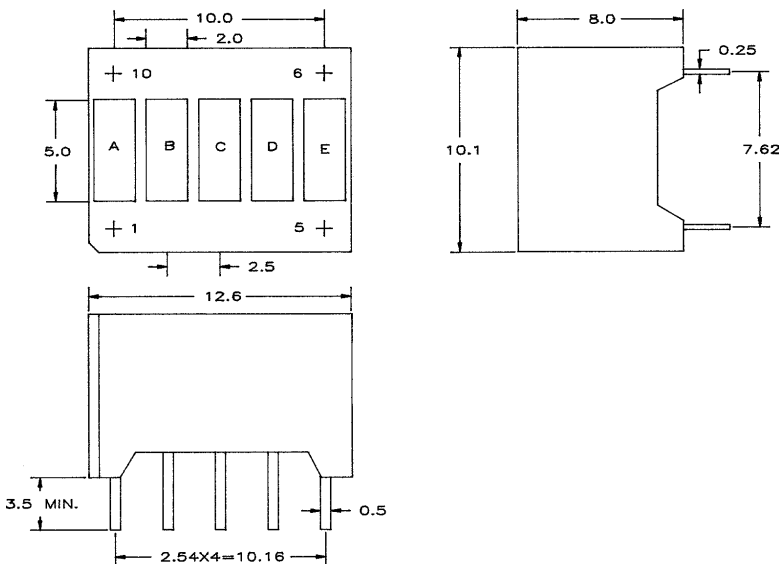
FEATURES

- 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 _{opr} (°C)	T _{sig} (°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

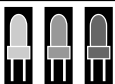
PACKAGE DIMENSIONS AND PIN FUNCTIONS



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 ± 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