

# LED Lamp Arrays

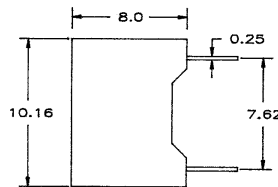
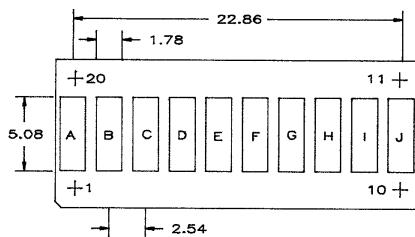
## FEATURES

- 10 segment LED Bar Graph Array
- Solid state reliability

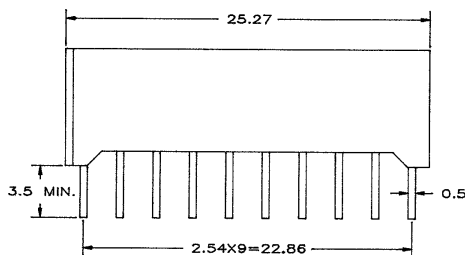
## OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

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
MTB10000-RG	700	Red	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	900	10
MTB10000-G	567	Green	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	3400	10
MTB10000-Y	585	Yellow	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	2800	10
MTB10000-O	635	Orange	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	3900	10
MTB10000-HR	635	Hi-Eff Red	30	5	85	-25~+85	-25~+100	2.1	3.0	20	100	5	3900	10
MTB10000-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



NOTE: Pin 1 is designated by the following:  
 A) Cham on left corner of bar array.  
 B) Left side of face containing device part number.



### PIN NO. FUNCTION PIN NO. FUNCTION

1. A ANODE	11. J CATHODE
2. B ANODE	12. I CATHODE
3. C ANODE	13. H CATHODE
4. D ANODE	14. G CATHODE
5. E ANODE	15. F CATHODE
6. F ANODE	16. E CATHODE
7. G ANODE	17. D CATHODE
8. H ANODE	18. C CATHODE
9. I ANODE	19. B CATHODE
10. J ANODE	20. 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.



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For up-to-date product info visit our web site at [www.marktechopto.com](http://www.marktechopto.com)

All specifications subject to change.

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