

# 5.0" 5x8 Bi-Color Dot Matrix Display

## FEATURES

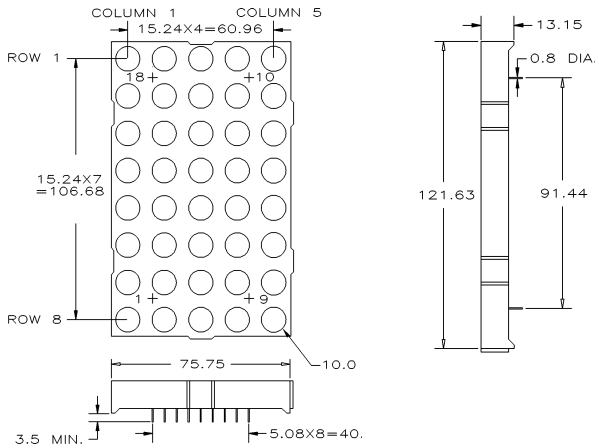
- 5.0" 5x8 dot matrix display
- Grey surface/white epoxy color

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

PART NO.	EMITTED COLOR	PEAK WAVE LENGTH (nm)	MAXIMUM RATINGS			OPTO-ELECTRICAL CHARACTERISTICS							PIN-OUT	
			IF (mA)	VR (V)	PD (mW)	VF(V)			IR(μA)		IV(μcd)			
						typ.	max.	@mA	max.	@VR	typ. per seg.	@mA		
MTAN6346-AHRG	(HR)	Hi-Eff Red	635	30	5	85	4.2	6.0	20	100	5	7800	10	1
	(G)	Green	567	30	5	85	4.2	6.0	20	100	5	6800	10	1
MTAN6446-CHRG	(HR)	Hi-Eff Red	635	30	5	85	4.2	6.0	20	100	5	7800	10	2
	(G)	Green	567	30	5	85	4.2	6.0	20	100	5	6800	10	2

Operating Temperature: -25~+85, Storage Temperature: -25~+100. Other face/epoxy colors are available.

## PACKAGE DIMENSIONS AND PIN FUNCTIONS



### PINOUT 1

#### COLUMN ANODE

#### PIN NO. FUNCTION

1. ANODE COLUMN 1 (HR)
2. ANODE COLUMN 2 (HR)
3. ANODE COLUMN 2 (G)
4. ANODE COLUMN 3 (G)
5. CATHODE ROW 6
6. CATHODE ROW 7
7. ANODE COLUMN 4 (G)
8. CATHODE ROW 5
9. CATHODE ROW 8
10. ANODE COLUMN 5 (HR)
11. ANODE COLUMN 5 (G)
12. ANODE COLUMN 4 (HR)
13. ANODE COLUMN 3 (HR)
14. CATHODE ROW 4
15. CATHODE ROW 2
16. CATHODE ROW 1
17. CATHODE ROW 3
18. ANODE COLUMN 1 (G)

### PINOUT 2

#### COLUMN CATHODE

#### PIN NO. FUNCTION

1. CATHODE COLUMN 1 (HR)
2. CATHODE COLUMN 2 (HR)
3. CATHODE COLUMN 2 (G)
4. CATHODE COLUMN 3 (G)
5. ANODE ROW 6
6. ANODE ROW 7
7. CATHODE COLUMN 4 (G)
8. ANODE ROW 5
9. ANODE ROW 8
10. CATHODE COLUMN 5 (HR)
11. CATHODE COLUMN 5 (G)
12. CATHODE COLUMN 4 (HR)
13. CATHODE COLUMN 3 (HR)
14. ANODE ROW 4
15. ANODE ROW 2
16. ANODE ROW 1
17. ANODE ROW 3
18. CATHODE COLUMN 1 (G)

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.