

# 1.2" 8x8 Bi-Color Dot Matrix Display

## FEATURES

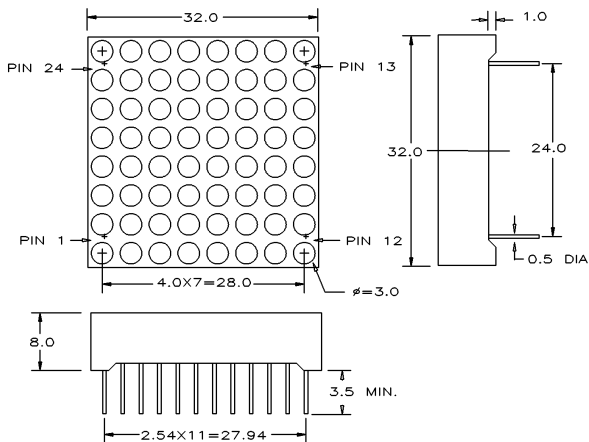
- 1.2" 8x8 dot matrix display
- Grey surface/white epoxy color

## 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(mcd)			
						typ.	max.	@mA	max.	@VR	typ. per seg.	@mA		
MTAN6313-AHRG	(HR)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	15.2	10	1
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	13.2	10	1
MTAN6413-CHRG	(HR)	Hi-Eff Red	635	30	5	85	2.1	3.0	20	100	5	15.2	10	2
	(G)	Green	567	30	5	85	2.1	3.0	20	100	5	13.2	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 5 (HR)
2. ANODE COLUMN 5 (G)
3. CATHODE ROW 5
4. ANODE COLUMN 6 (HR)
5. ANODE COLUMN 6 (G)
6. CATHODE ROW 6
7. ANODE COLUMN 7 (HR)
8. ANODE COLUMN 7 (G)
9. CATHODE ROW 7
10. ANODE COLUMN 8 (HR)
11. ANODE COLUMN 8 (G)
12. CATHODE ROW 8
13. CATHODE ROW 4
14. ANODE COLUMN 4 (G)
15. ANODE COLUMN 4 (HR)
16. CATHODE ROW 3
17. ANODE COLUMN 3 (G)
18. ANODE COLUMN 3 (HR)
19. CATHODE ROW 2
20. ANODE COLUMN 2 (G)
21. ANODE COLUMN 2 (HR)
22. CATHODE ROW 1
23. ANODE COLUMN 1 (G)
24. ANODE COLUMN 1 (HR)

### PINOUT 2

COLUMN CATHODE  
PIN NO. FUNCTION

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

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS  $\pm 0.25$ mm UNLESS OTHERWISE SPECIFIED.  
2. THE SLOPE ANGLE OF ANY PIN MAY BE  $\pm 5^\circ$  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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