

# 2.3" 8x8 Bi-Color Dot Matrix Display

## FEATURES

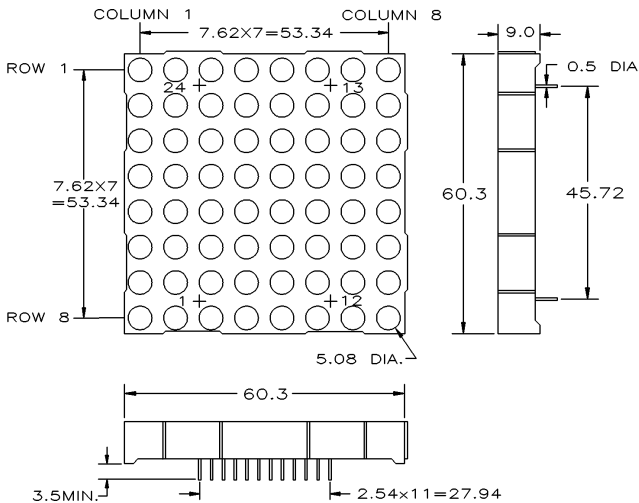
- 2.3" 8x8 dot matrix display
- Grey surface/white epoxy color

## 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(μcd)       |      |         |   |
|               |               |                       |                 |        |         | typ.                            | max. | @mA | max.   | @VR | typ. per seg. | @mA  |         |   |
| MTAN6323-AHRG | (HR)          | Hi-Eff Red            | 635             | 30     | 5       | 85                              | 2.1  | 3.0 | 20     | 100 | 5             | 5900 | 10      | 1 |
|               | (G)           | Green                 | 567             | 30     | 5       | 85                              | 2.1  | 3.0 | 20     | 100 | 5             | 5100 | 10      | 1 |
| MTAN6423-CHRG | (HR)          | Hi-Eff Red            | 635             | 30     | 5       | 85                              | 2.1  | 3.0 | 20     | 100 | 5             | 5900 | 10      | 2 |
|               | (G)           | Green                 | 567             | 30     | 5       | 85                              | 2.1  | 3.0 | 20     | 100 | 5             | 5100 | 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 (G)
2. ANODE COLUMN 1 (HR)
3. ANODE COLUMN 3 (G)
4. ANODE COLUMN 3 (HR)
5. ANODE COLUMN 4 (G)
6. ANODE COLUMN 4 (HR)
7. ANODE COLUMN 2 (G)
8. ANODE COLUMN 2 (HR)
9. CATHODE ROW 5
10. CATHODE ROW 6
11. CATHODE ROW 7
12. CATHODE ROW 8
13. ANODE COLUMN 8 (HR)
14. ANODE COLUMN 8 (G)
15. ANODE COLUMN 6 (HR)
16. ANODE COLUMN 6 (G)
17. ANODE COLUMN 5 (HR)
18. ANODE COLUMN 5 (G)
19. ANODE COLUMN 7 (HR)
20. ANODE COLUMN 7 (G)
21. CATHODE ROW 4
22. CATHODE ROW 3
23. CATHODE ROW 2
24. CATHODE ROW 1

### PINOUT 2 COLUMN CATHODE

#### PIN NO. FUNCTION

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

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.



120 Broadway • Menands, New York 12204

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

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

All specifications subject to change.