

1.2" 5x7 Bi-Color Dot Matrix Display

FEATURES

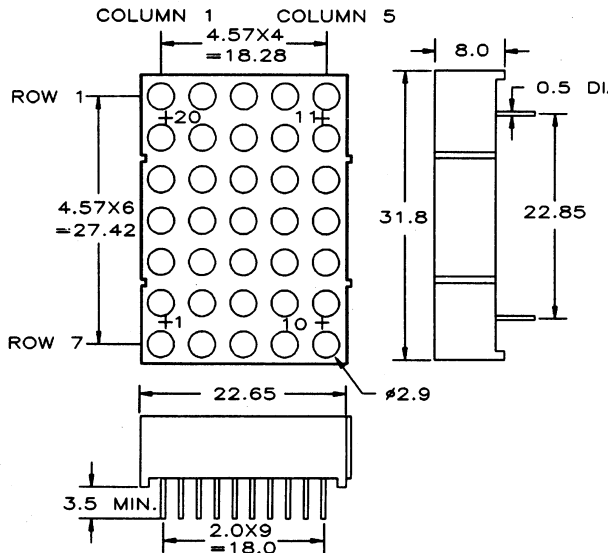
- 1.2" 5x7 bi-color dot matrix display
- Grey surface/white epoxy color
- High efficiency red and green

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 | |
| MTAN6311-AHRG | (HR) | Hi-Eff Red | 635 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 10400 | 20 | 1 |
| | (G) | Green | 567 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 9000 | 20 | 1 |
| MTAN6411-CHRG | (HR) | Hi-Eff Red | 635 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 10400 | 20 | 2 |
| | (G) | Green | 567 | 30 | 5 | 85 | 2.1 | 3.0 | 20 | 100 | 5 | 9000 | 20 | 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. CATHODE ROW 7 (HR)
2. CATHODE ROW 7 (G)
3. ANODE COLUMN 1
4. ANODE COLUMN 2
5. ANODE COLUMN 3
6. ANODE COLUMN 4
7. ANODE COLUMN 5
8. CATHODE ROW 6 (HR)
9. CATHODE ROW 6 (G)
10. NO CONNECTION
11. CATHODE ROW 5 (HR)
12. CATHODE ROW 5 (G)
13. CATHODE ROW 4 (HR)
14. CATHODE ROW 4 (G)
15. CATHODE ROW 3 (HR)
16. CATHODE ROW 3 (G)
17. CATHODE ROW 2 (HR)
18. CATHODE ROW 2 (G)
19. CATHODE ROW 1 (G)
20. CATHODE ROW 1 (G)

PINOUT 2

COLUMN CATHODE

PIN NO. FUNCTION

1. ANODE ROW 7 (G)
2. ANODE ROW 7 (HR)
3. CATHODE COLUMN 1
4. CATHODE COLUMN 2
5. CATHODE COLUMN 3
6. CATHODE COLUMN 4
7. CATHODE COLUMN 5
8. ANODE ROW 6 (G)
9. ANODE ROW 6 (HR)
10. NO CONNECTION
11. ANODE ROW 5 (G)
12. ANODE ROW 5 (HR)
13. ANODE ROW 4 (G)
14. ANODE ROW 4 (HR)
15. ANODE ROW 3 (G)
16. ANODE ROW 3 (HR)
17. ANODE ROW 2 (G)
18. ANODE ROW 2 (HR)
19. ANODE ROW 1 (G)
20. ANODE ROW 1 (HR)

* Note: Starting color can be HR or G. Contact factory for special options

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.



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For up-to-date product info visit our web site at www.marktechopto.com

All specifications subject to change.