

Features

Additional Colors/Materials Available
 Color Clear Encapsulation
 Excellent Character Appearance
 High Light Output
 IC Compatible
 Low Current Requirement
 Other face/epoxy colors available

Applications

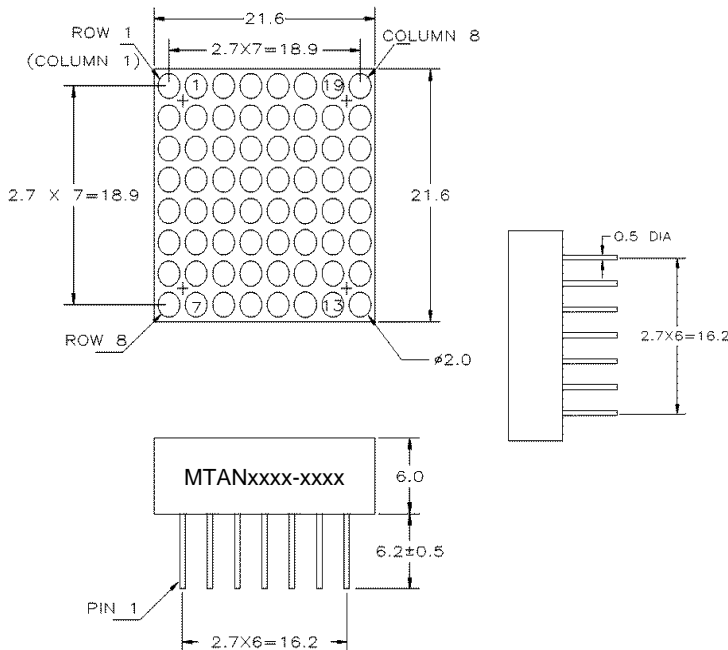
VMS
 Message Signs

Notes

All Dimensions are in millimeters.
 Tolerance is $\pm 0.25\text{mm}$ unless otherwise stated.
 The slope angle of any pin may be $\pm 5.0^\circ$ MAX.
 Operating Temperature: $-25 \sim +85$
 Storage Temperature: $-25 \sim +100$
 Specifications subject to change without notice.

| Part Number | PWL λ_p | Material | Emitted Color | Face Colors | | Maximum Ratings | | | Optical and Electrical Characteristics | | | | | | Pin Out |
|---------------|--------------------|----------|------------------|----------------|------------------|-----------------|----------|-----------|--|----------|--------------------------|----------|--------------------------|----------|------------|
| | | | | Epoxy Color | Surface Color | IF | VR | PD | Forward Voltage VF | | Reverse Current IR | | Luminous Intensity IV | | |
| | | | | | | | | | typ. | max. | IF@ | max. | VR@ | typ. dot | |
| MTAN6385-AHRG | 635 | GaAsP | HR | White | Black | 30 | 5.00 | 85.00 | 2.10 | 20mA | 100 | 5V | 7.40 | 20mA | 1 |
| | 567 | GaP | YG | White | Black | 30 | 5.00 | 85.00 | 2.10 | | 100 | 5V | 6.50 | 20mA | 1 |
| MTAN6485-CHRG | 635 | GaAsP | HR | White | Black | 30 | 5.00 | 85.00 | 2.10 | 20mA | 100 | 5V | 7.40 | 20mA | 2 |
| | 567 | GaP | YG | White | Black | 30 | 5.00 | 85.00 | 2.10 | | 100 | 5V | 6.50 | 20mA | 2 |
| Units | nm | - | - | - | - | mA | V | mW | V | - | μA | - | mcd | - | - |

Package Dimensions and Pin Functions



PINOUT 1

COLUMN ANODE

PIN NO. FUNCTION

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

PINOUT 2

COLUMN CATHODE

PIN NO. FUNCTION

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