

2.0" 4x4 Dot Matrix Display

FEATURES

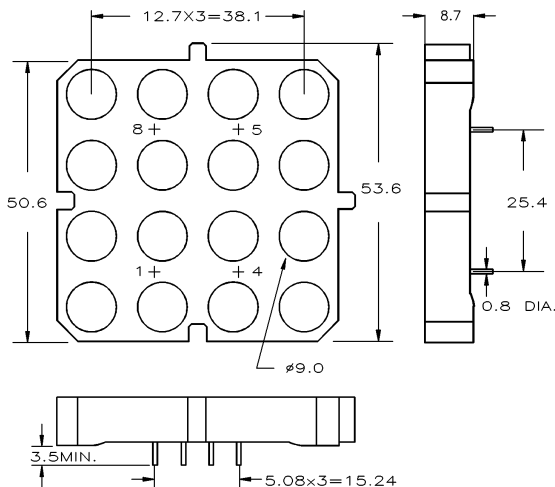
- 2.0" 4x4 dot matrix display
- Additional colors/materials available

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

| PART NO. | PEAK WAVE LENGTH (nm) | EMITTED COLOR | FACE COLORS | | MAXIMUM RATINGS | | | OPTO-ELECTRICAL CHARACTERISTICS | | | | | | | | PIN-OUT |
|---------------|-----------------------|---------------|---------------|-------------|-----------------|--------|---------|---------------------------------|------|-----|--------|-----|--------------|-----|---|---------|
| | | | SURFACE COLOR | EPOXY COLOR | IF (mA) | VR (V) | PD (mW) | VF(V) | | | IR(μA) | | IV(μcd) | | | |
| | | | | | | | | typ. | max. | @mA | max. | @VR | typ. per dot | @mA | | |
| MTAN2121-AG | 567 | Green | Grey | White | 30 | 5 | 85 | 6.3 | 9.0 | 20 | 100 | 15 | 6800 | 10 | 1 | |
| MTAN4121-AO | 635 | Orange | Grey | White | 30 | 5 | 85 | 6.3 | 9.0 | 20 | 100 | 15 | 7800 | 10 | 1 | |
| MTAN4121-AHR | 635 | Hi-Eff Red | Red | Red | 30 | 5 | 85 | 6.3 | 9.0 | 20 | 100 | 15 | 7800 | 10 | 1 | |
| MTAN7121M-AUR | 660 | Ultra Red | Black | White | 30 | 4 | 70 | 5.1 | 6.6 | 20 | 100 | 12 | 41100 | 20 | 1 | |
| MTAN2121-CG | 567 | Green | Grey | White | 30 | 5 | 85 | 6.3 | 9.0 | 20 | 100 | 15 | 6800 | 10 | 2 | |
| MTAN4121-CO | 635 | Orange | Grey | White | 30 | 5 | 85 | 6.3 | 9.0 | 20 | 100 | 15 | 7800 | 10 | 2 | |
| MTAN4121-CHR | 635 | Hi-Eff Red | Red | Red | 30 | 5 | 85 | 6.3 | 9.0 | 20 | 100 | 15 | 7800 | 10 | 2 | |
| MTAN7121M-CUR | 660 | Ultra Red | Black | White | 30 | 4 | 70 | 5.1 | 6.6 | 20 | 100 | 12 | 41100 | 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. ANODE COLUMN 1
2. ANODE COLUMN 2
3. ANODE COLUMN 3
4. ANODE COLUMN 4
5. CATHODE ROW 1
6. CATHODE ROW 2
7. CATHODE ROW 3
8. CATHODE ROW 4

PINOUT 2

COLUMN CATHODE

PIN NO. FUNCTION

1. CATHODE COLUMN 1
2. CATHODE COLUMN 2
3. CATHODE COLUMN 3
4. CATHODE COLUMN 4
5. ANODE ROW 1
6. ANODE ROW 2
7. ANODE ROW 3
8. ANODE ROW 4

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.