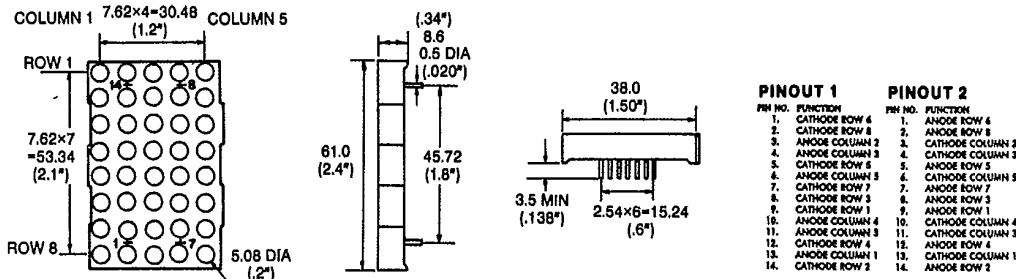


# DOT MATRIX DISPLAY

T-41-35

## 2.4" DIGIT SIZE - 5x8

| PART NO.      | PEAK WAVE-LENGTH<br>λ P (nm) | EMITTED COLOR | MAXIMUM RATINGS     |                    |                     |                       |                       | OPTO-ELECTRICAL CHARACTERISTICS |      |                           |                               |                     | Pin-Out |
|---------------|------------------------------|---------------|---------------------|--------------------|---------------------|-----------------------|-----------------------|---------------------------------|------|---------------------------|-------------------------------|---------------------|---------|
|               |                              |               | I <sub>F</sub> (mA) | V <sub>R</sub> (V) | P <sub>D</sub> (mW) | T <sub>opr</sub> (°C) | T <sub>stg</sub> (°C) | V <sub>F</sub> @20mA(V)         |      | V <sub>R</sub> @100μA (V) | I <sub>y</sub> per seg. (μcd) | I <sub>F</sub> (mA) |         |
|               |                              |               |                     |                    |                     |                       |                       | typ.                            | max. |                           |                               |                     |         |
| MTAN2124-13A  | 567                          | Green         | 25                  | 5                  | 85                  | -40 ~ 85              | -55 ~ 100             | 2.1                             | 3.0  | 5                         | 2000                          | 10                  | 1       |
| MTAN4124-13A  | 635                          | Orange        | 25                  | 5                  | 85                  | -40 ~ 85              | -55 ~ 100             | 2.1                             | 3.0  | 5                         | 2200                          | 10                  | 1       |
| MTAN4124R-13A | 635                          | Hi-Eff Red    | 25                  | 5                  | 85                  | -40 ~ 85              | -55 ~ 100             | 2.1                             | 3.0  | 5                         | 2200                          | 10                  | 1       |
| MTAN2124-23C  | 567                          | Green         | 25                  | 5                  | 85                  | -40 ~ 85              | -55 ~ 100             | 2.1                             | 3.0  | 5                         | 2000                          | 10                  | 2       |
| MTAN4124-23C  | 635                          | Orange        | 25                  | 5                  | 85                  | -40 ~ 85              | -55 ~ 100             | 2.1                             | 3.0  | 5                         | 2200                          | 10                  | 2       |
| MTAN4124R-23C | 635                          | Hi-Eff Red    | 25                  | 5                  | 85                  | -40 ~ 85              | -55 ~ 100             | 2.1                             | 3.0  | 5                         | 2200                          | 10                  | 2       |



## 4.0" DIGIT SIZE - 5x7

| PART NO.      | PEAK WAVE-LENGTH<br>λ P (nm) | EMITTED COLOR | MAXIMUM RATINGS     |                    |                     |                       |                       | OPTO-ELECTRICAL CHARACTERISTICS |      |                           |                               |                     | Pin-Out |
|---------------|------------------------------|---------------|---------------------|--------------------|---------------------|-----------------------|-----------------------|---------------------------------|------|---------------------------|-------------------------------|---------------------|---------|
|               |                              |               | I <sub>F</sub> (mA) | V <sub>R</sub> (V) | P <sub>D</sub> (mW) | T <sub>opr</sub> (°C) | T <sub>stg</sub> (°C) | V <sub>F</sub> @20mA(V)         |      | V <sub>R</sub> @100μA (V) | I <sub>y</sub> per seg. (μcd) | I <sub>F</sub> (mA) |         |
|               |                              |               |                     |                    |                     |                       |                       | typ.                            | max. |                           |                               |                     |         |
| MTAN2140-12A  | 567                          | Green         | 25                  | 10                 | 85                  | -40 ~ 85              | -55 ~ 100             | 4.2                             | 6.0  | 10                        | 3800                          | 10                  | 1       |
| MTAN4140-12A  | 635                          | Orange        | 25                  | 10                 | 85                  | -40 ~ 85              | -55 ~ 100             | 4.2                             | 6.0  | 10                        | 4000                          | 10                  | 1       |
| MTAN4140R-12A | 635                          | Hi-Eff Red    | 25                  | 10                 | 85                  | -40 ~ 85              | -55 ~ 100             | 4.2                             | 6.0  | 10                        | 4000                          | 10                  | 1       |
| MTAN2140-22C  | 567                          | Green         | 25                  | 10                 | 85                  | -40 ~ 85              | -55 ~ 100             | 4.2                             | 6.0  | 10                        | 3800                          | 10                  | 2       |
| MTAN4140-22C  | 635                          | Orange        | 25                  | 10                 | 85                  | -40 ~ 85              | -55 ~ 100             | 4.2                             | 6.0  | 10                        | 4000                          | 10                  | 2       |
| MTAN4140R-22C | 635                          | Hi-Eff Red    | 25                  | 10                 | 85                  | -40 ~ 85              | -55 ~ 100             | 4.2                             | 6.0  | 10                        | 4000                          | 10                  | 2       |

