

LED Matrix Display Ht. 2 In. Anode Column Cathode Row

Part Number - 08D35EW

Specifications :-

2.00" (53.10mm) Φ 5.00mm 5*7 Single Color Dot Matrix Displays

Features:

- *High dot intensity
- *Wide viewing angle
- *Range of colors
- *Black face white dot
- *RoHS compliant

Available option:

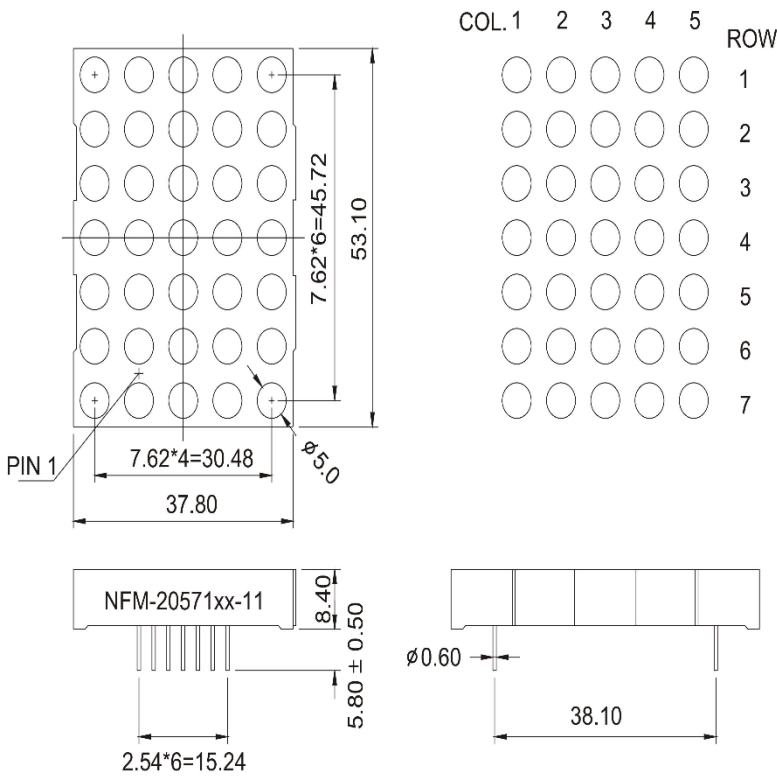
- *Alternative face and dot color
- *Cropped terminal pins
- *Available emitting color
- *Low current version

Maximum Ratings Ta=25°C (Derate above 25°C)

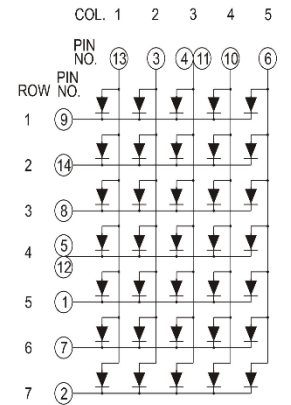
| Characteristic | Test Condition | Symbol | H | S | D | E | Y | G | Units |
|-------------------------------|------------------------------------|------------------|------------|-------|-------|-------|-------|-------|-------|
| Pulse Forward Current Per Dot | 1/10 duty cycle 0.1ms Pulse width | I _{FP} | 50 | 100 | 100 | 100 | 100 | 100 | mA |
| DC Forward Current Per Dot | | I _F | 15 | 25 | 25 | 30 | 30 | 30 | mA |
| Reverse Current Per Dot | V _R =5V | I _R | 10 | 10 | 10 | 10 | 10 | 10 | μA |
| Power Dissipation | | P _D | 40*35 | 60*35 | 60*35 | 80*35 | 80*35 | 80*35 | mW |
| Operating Temperature | | T _{OPR} | -40 to +80 | | | | | | °C |
| Storage Temperature | | T _{TSG} | -40 to +85 | | | | | | °C |
| Lead soldering temperature | 1.60mm from body maximum 3 seconds | | 260 | | | | | | °C |

PACKAGE DIMENSION

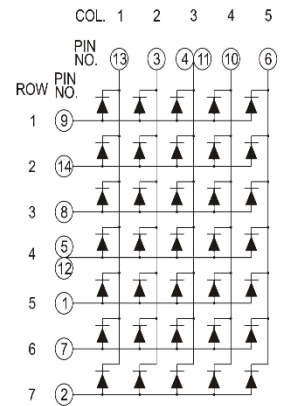
INTERNAL CIRCUIT DIAGRAM



Tolerance ±0.25mm unless stated



Row Cathode
Column Anode
NFM-20571Ax



Row Anode
Column Cathode
NFM-20571Bx