

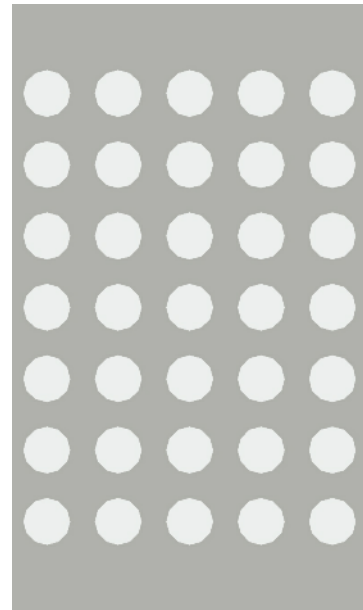
FND-357XX00GW Range

1.2" (30 mm) 5 x 7 Dot Matrix Display



Features:

- High intensity dot matrix display
- Grey face
- White diffused segment in off-state
- Ideal for use in applications requiring the display of high definition characters:
 - ❑ Moving message displays
 - ❑ Variable message displays
 - ❑ Digital clocks



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Electro / Optical Characteristics $I_F = 20\text{mA}$, $T_a = 25^\circ\text{C}$

| Part Number | | Emitting Colour | Wavelength | | Forward Voltage | | Luminous Intensity, lv | |
|------------------|------------------|-----------------|------------|-----|-----------------|------|------------------------|-----|
| Column Cathode | Column Anode | | Peak | Dom | Typ | Max | Min | Typ |
| FND-3571R3400GW | FND-3572R3400GW | Red | ~ | 640 | 1.90 | 2.30 | ~ | 65 |
| FND-3571Y05300GW | FND-3572Y05300GW | Yellow | 591 | ~ | 2.05 | 2.40 | ~ | 48 |
| FND-3571200GW | FND-3572200GW | Green | 568 | ~ | 2.10 | 2.50 | ~ | 15 |
| FND-3571B3500GW | FND-3572B3500GW | Blue | ~ | 460 | 3.30 | 3.70 | ~ | 35 |
| Units | | | nm | | V | | mcd / dot | |

Maximum Rated Values $T_a = 25^\circ\text{C}$ (Derate Above 25°C)

| Characteristic | Condition | Symbol | Rating | Units |
|----------------------------|---------------------------------|-----------|------------|------------------|
| Pulse Forward Current | 0.1 duty cycle @ 1kHz | I_{FP} | 100 | mA |
| DC Forward Current | | I_F | 25 | mA |
| Reverse Voltage | $I_R = 10\mu\text{A}$ | V_R | 5 | V |
| Operating Temperature | | T_{opr} | -25 to +80 | $^\circ\text{C}$ |
| Storage Temperature | | T_{stg} | -30 to +85 | $^\circ\text{C}$ |
| Lead Soldering Temperature | 1.6mm from body - max 3 seconds | | 260 | $^\circ\text{C}$ |

Note

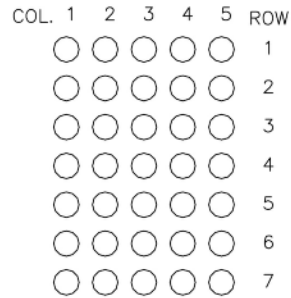
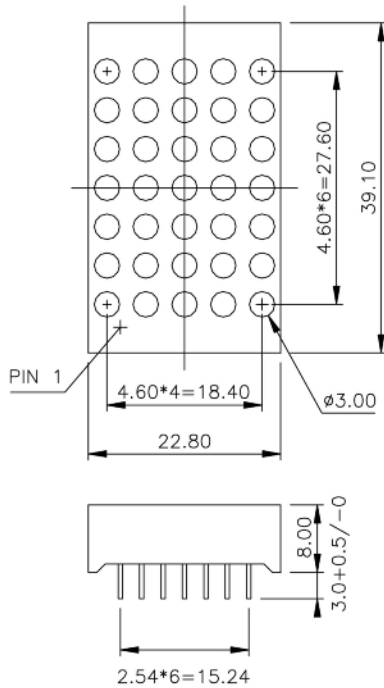
Industry standard procedures regarding static must be observed when handling product produced with blue die material.

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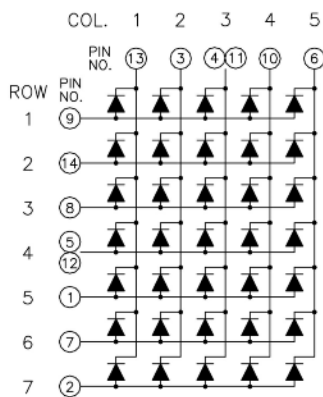


Package Outline and Diagrams

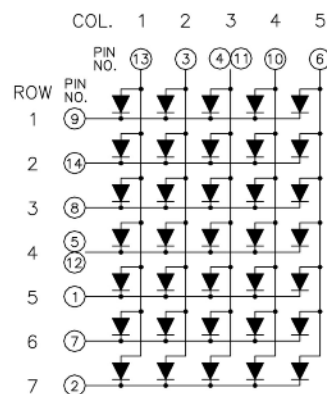


Tolerance ± 0.25 mm unless stated

Column Cathode



Column Anode



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