

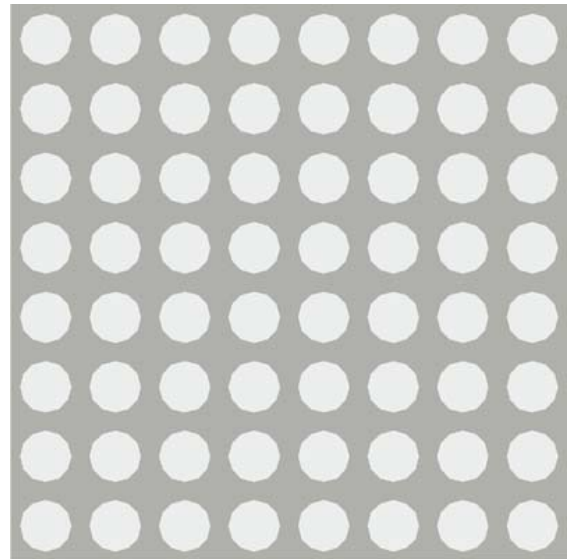
FND-388XX00GW Range

1.3" (32 mm) 8 x 8 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-3881R3400GW	FND-3882R3400GW	Red	~	640	1.90	2.30	~	65
FND-3881Y05300GW	FND-3882Y05300GW	Yellow	591	~	2.05	2.40	~	48
FND-3881200GW	FND-3882200GW	Green	568	~	2.10	2.50	~	15
FND-3881B3500GW	FND-3882B3500GW	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

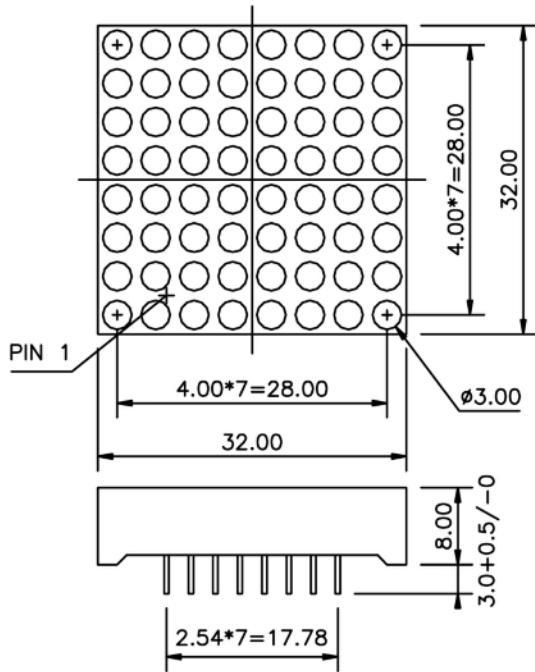
Industry standard procedures regarding static must be observed when handling product produced with blue die material.

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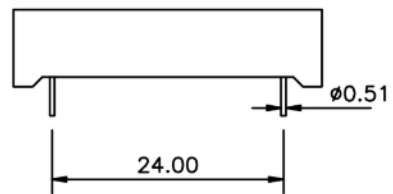
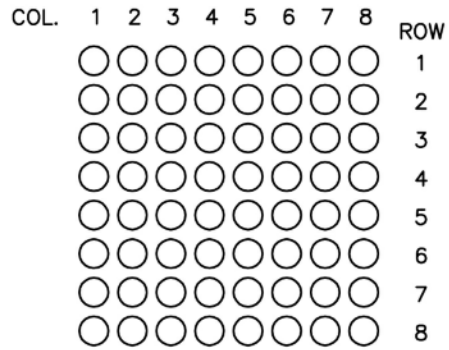
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Package Outline and Diagrams

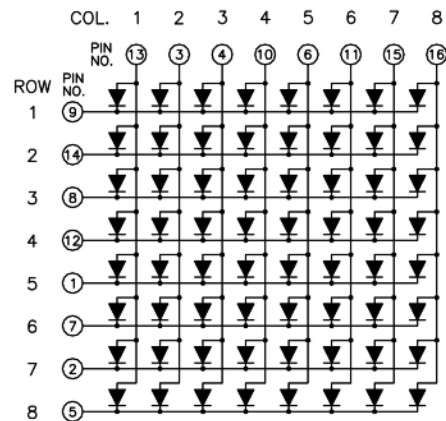
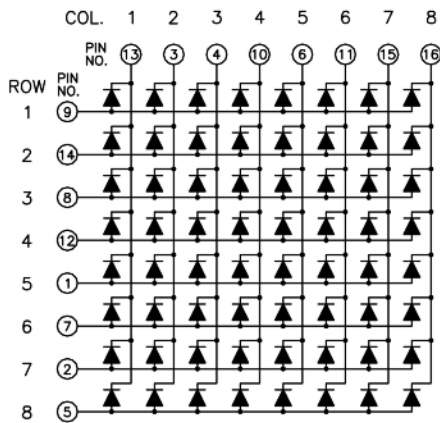


Column Cathode



Tolerance ± 0.25 mm unless stated

Column Anode



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