

## Features:

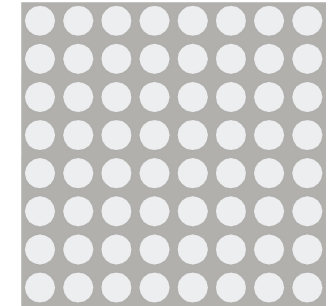
- High dot intensity
- Wide viewing angle
- Range of colours
- Grey face colour
- White dot colour

## Available options:

- Alternative face and dot colour
- Cropped terminal pins
- Alternative emitting colour
- Low current version

## Dot layout

Product not shown  
actual size



## Electro / Optical Characteristics - $I_F = 20 \text{ mA}$ ( \* HE Blue - $I_F = 10 \text{ mA}$ ) $T_a = 25^\circ \text{ C}$

Part Number Column Cathode	Part Number Column Anode	Emitting Colour	Wavelength Peak $\lambda_p$	Forward Voltage $V_F$		Luminous Intensity $I_V$	
				typical	max	min	typical
FND-5881L0CGW	FND-5882L0CGW	GaAlAs Red	660	1.85	2.00		40
FND-588130CGW	FND-588230CGW	HE Red	640	2.05	2.50		10
FND-5881R0760CGW	FND-5882R0760CGW	AlGaInP Red	632	2.00	2.40		160
FND-5881Y0530CGW	FND-5882Y0530CGW	Yellow	591	2.05	2.40		66
FND-588120CGW	FND-588220CGW	Green	568	2.10	2.50		19
FND-5881B050CGW	FND-5882B050CGW	* HE Blue	465	3.70	4.00		13
FND-5881B010CGW	FND-5882B010CGW	Blue	428	3.80	4.50		8
Units			nm	V		mcd / dot (matrix average)	

## Maximum Ratings $T_a = 25^\circ \text{ C}$ ( Derate above $25^\circ \text{ C}$ )

Characteristic	Condition	Symbol	Rating	Units
Pulse Forward Current	0.1 duty cycle @ 1KHz ( HE Blue )	$I_{FP}$	100 (35)	mA
DC Forward Current	( HE Blue )	$I_F$	25 (15)	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	1.6 mm 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.

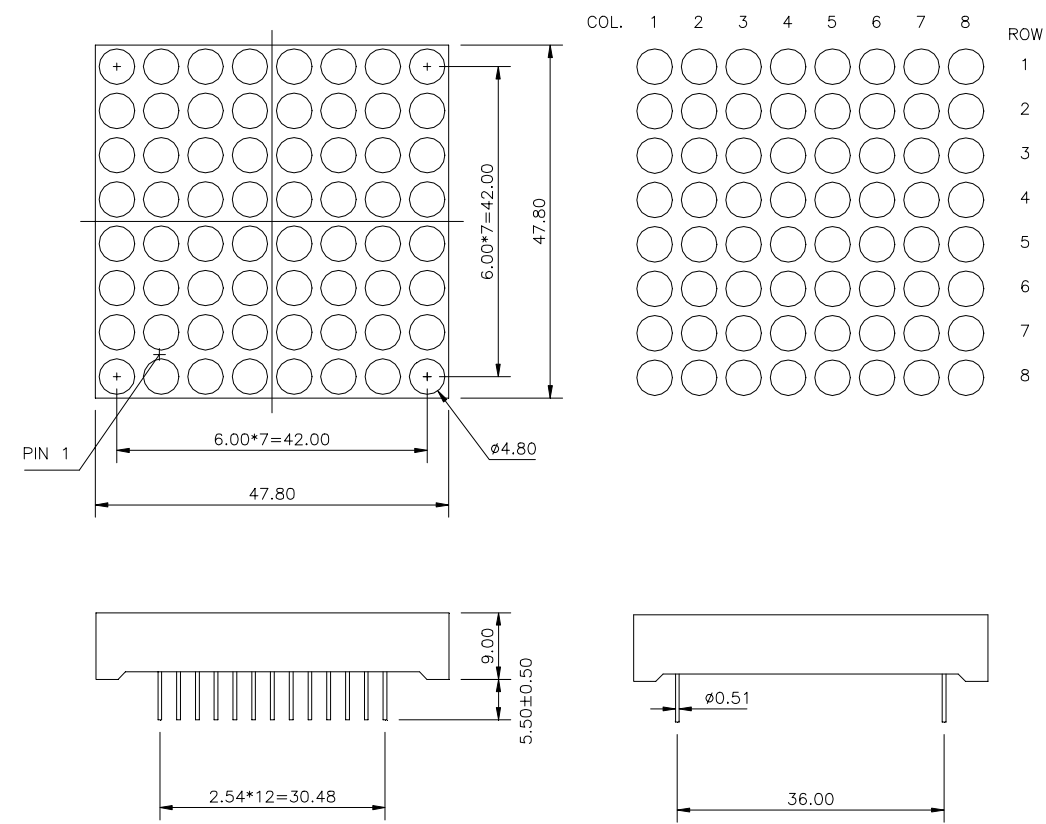
It is the responsibility of the customer to verify the suitability of the product for the application.



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Package Outline

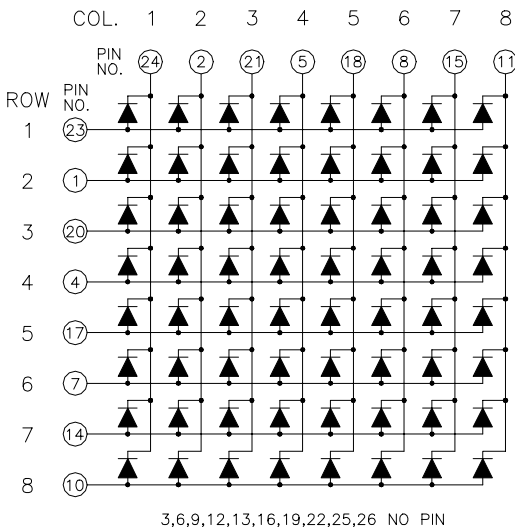


Tolerance ± 0.25 mm unless stated

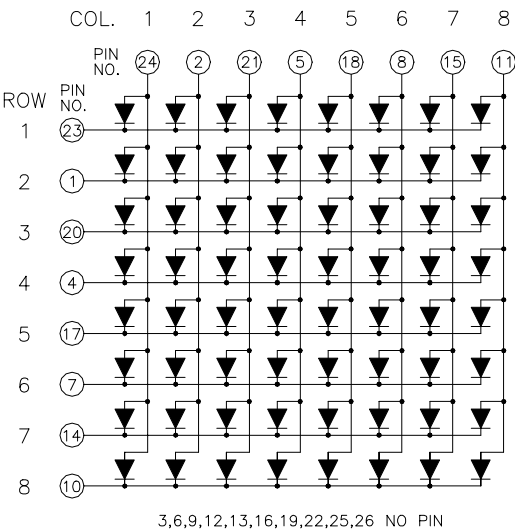


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Column Cathode



Column Anode



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