

## Features:

- High dot intensity
- Wide viewing angle
- Grey face colour
- Water clear dot

## Available options:

- Alternative face colour
- Cropped terminal pins

## Dot Layout

Product not shown  
actual size



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

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-5571R07700GC	FND-5572R07700GC	Red	632	2.00	2.40	-	165
FND-5571O03700GC	FND-5572O03700GC	Orange	611	2.00	2.40	-	119
FND-5571Y05300GC	FND-5572Y05300GC	Yellow	591	2.05	2.40	-	66
FND-5571Y04600GC	FND-5572Y04600GC	Yellow	591	2.00	2.40	-	133
FND-5571G04400GC	FND-5572G04400GC	Green	573	2.05	2.40	-	58
FND-5571G0300GC	FND-5572G0300GC	Green	518	3.70	4.20	-	199
FND-5571G0600GC	FND-5572G0600GC	Green	502	3.70	4.20	-	214
FND-5571B0300GC	FND-5572B0300GC	Blue	468	3.70	4.20	-	66
Units			nm	V		mcd / dot (matrix average)	

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

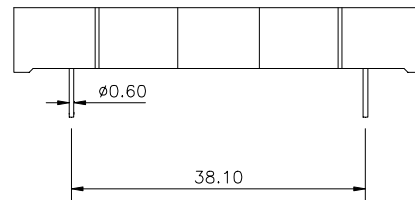
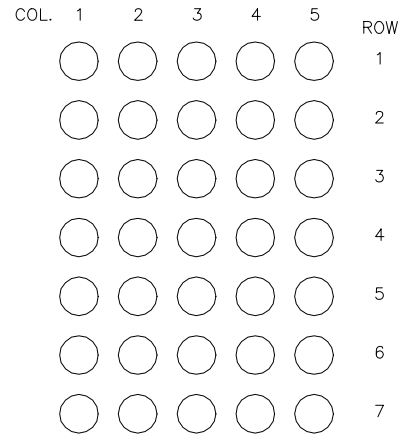
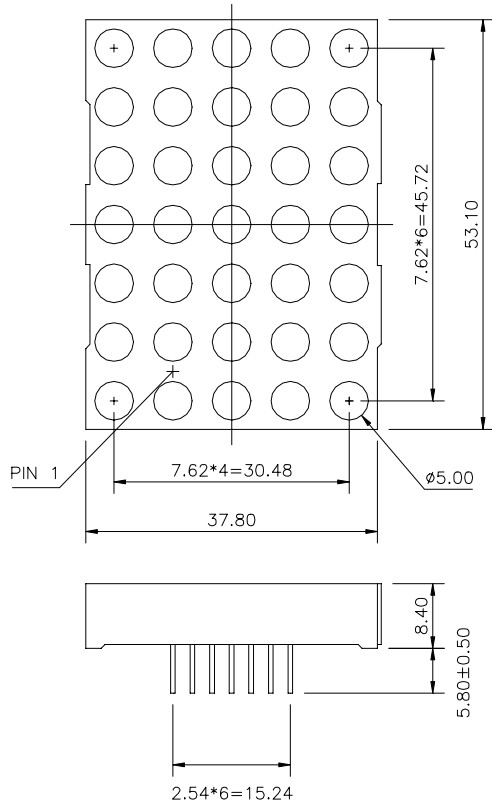
Characteristic	Condition	Symbol	Rating	Units
Pulse Forward Current	0.1 duty cycle @ 1KHz	$I_{FP}$	100	mA
DC Forward Current		$I_F$	25	mA
Reverse Voltage	$I_R = 10 \mu\text{A}$	$V_R$	5	V
Operating Temperature		$T_{opr}$	- 25 to + 80	$^\circ \text{ C}$
Storage Temperature		$T_{stg}$	- 30 to + 85	$^\circ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

## Note

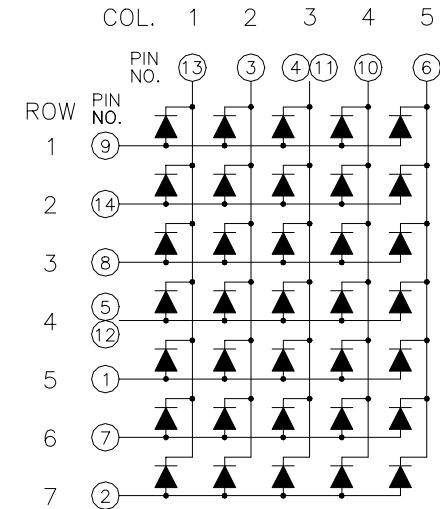
Industry standard procedures regarding static must be observed when handling product produced with 468 nm blue and 502 / 518.nm green die material.



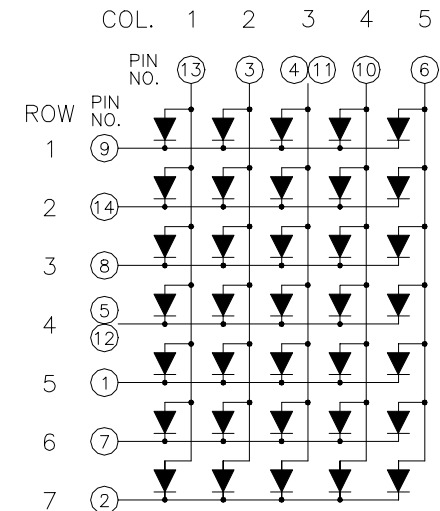
## Package Outline



## Column Cathode



## Column Anode



Tolerance  $\pm 0.25$  mm unless stated



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