

## Features:

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

## Available options:

- Alternative face colour
- Long 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-3571R0770AGC	FND-3572R0770AGC	Red	632	2.00	2.40	-	127
FND-3571O0370AGC	FND-3572O0370AGC	Orange	611	2.00	2.40	-	91
FND-3571Y0530AGC	FND-3572Y0530AGC	Yellow	591	2.05	2.40	-	51
FND-3571Y0460AGC	FND-3572Y0460AGC	Yellow	591	2.00	2.40	-	102
FND-3571G0440AGC	FND-3572G0440AGC	Green	573	2.05	2.40	-	44
FND-3571G030AGC	FND-3572G030AGC	Green	518	3.70	4.20	-	153
FND-3571G060AGC	FND-3572G060AGC	Green	502	3.70	4.20	-	165
FND-3571B030AGC	FND-3572B030AGC	Blue	468	3.70	4.20	-	51
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	$^\circ \text{ C}$

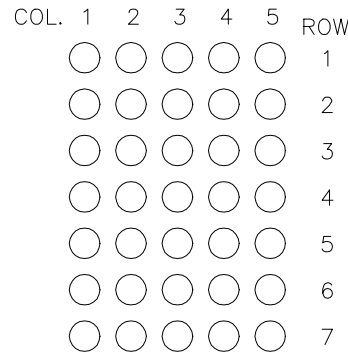
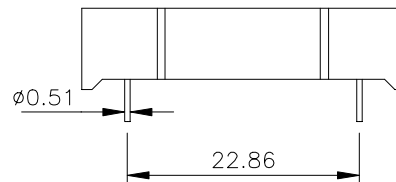
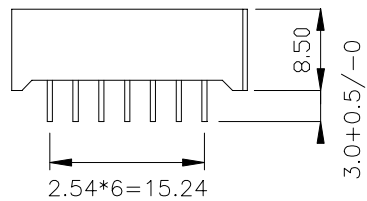
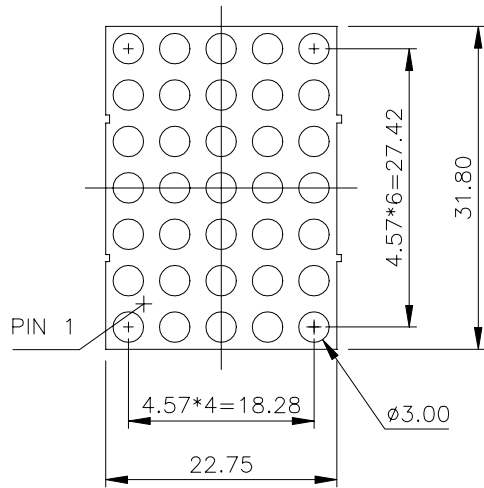
## Note

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

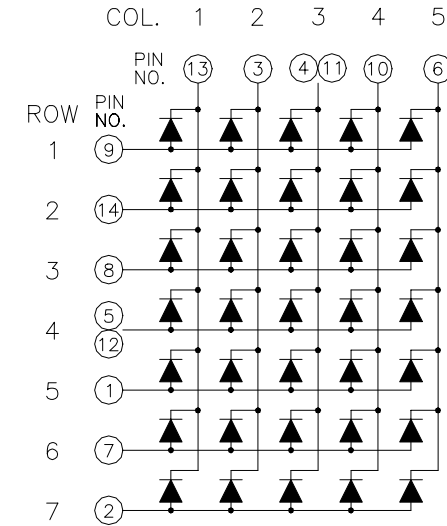
It is the responsibility of the customer to verify the suitability of the product for the application.



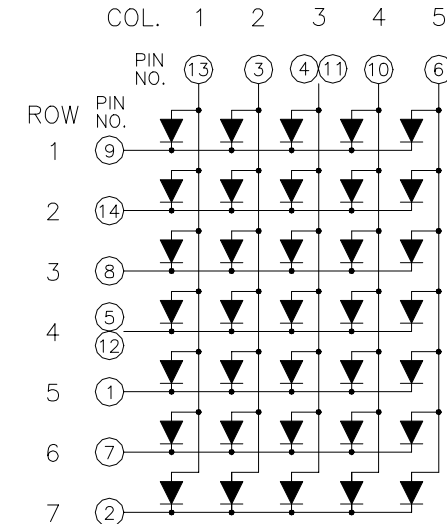
## Package Outline



## Column Cathode



## Column Anode



Tolerance  $\pm 0.25$  mm unless stated



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