

Features:

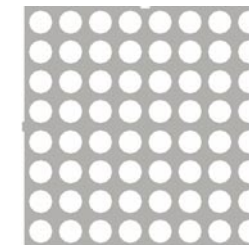
- High dot intensity
- Wide viewing angle
- Grey face colour
- Water clear dot

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 λ_P	Forward Voltage V_F		Luminous Intensity I_V	
				typical	max	min	typical
FND-4881R07700GC	FND-4882R07700GC	Red	632	2.00	2.40	-	145
FND-4881O03700GC	FND-4882O03700GC	Orange	611	2.00	2.40	-	105
FND-4881Y05300GC	FND-4882Y05300GC	Yellow	591	2.05	2.40	-	58
FND-4881Y04600GC	FND-4882Y04600GC	Yellow	591	2.00	2.40	-	117
FND-4881G04400GC	FND-4882G04400GC	Green	573	2.05	2.40	-	51
FND-4881G0300GC	FND-4882G0300GC	Green	518	3.70	4.20	-	175
FND-4881G0600GC	FND-4882G0600GC	Green	502	3.70	4.20	-	189
FND-4881B0300GC	FND-4882B0300GC	Blue	468	3.70	4.20	-	58
Units			nm	V		mcd / dot (matrix average)	

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

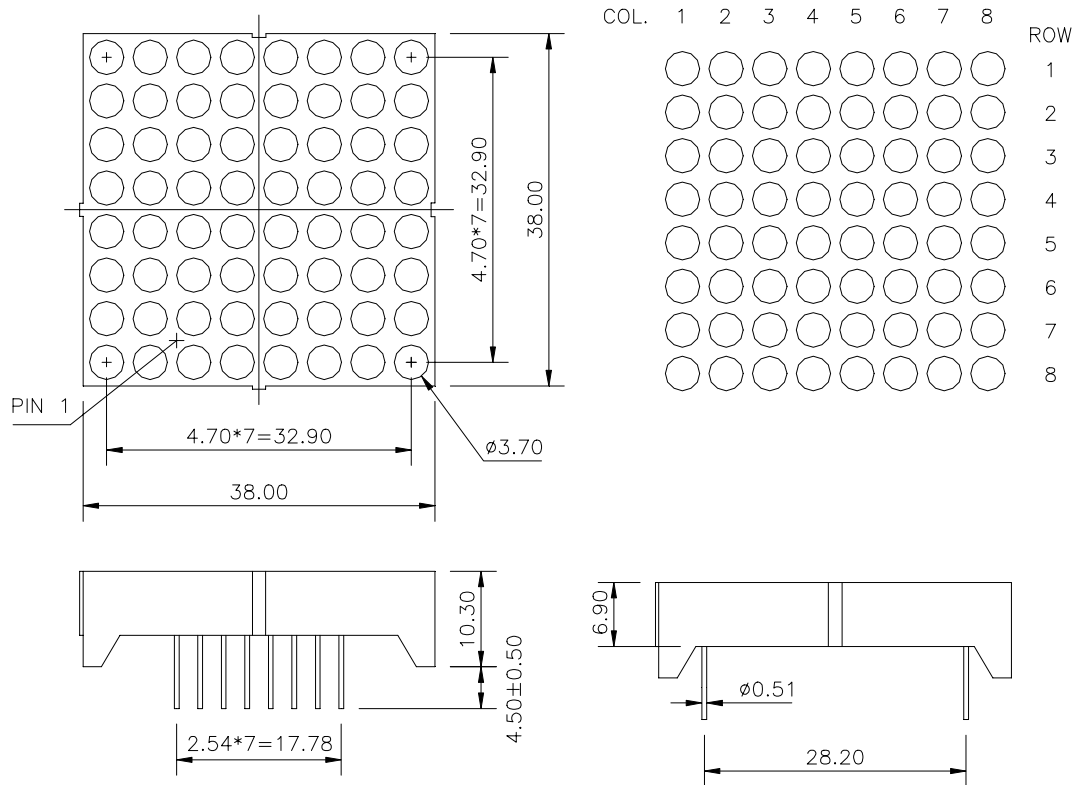
Characteristic	Condition	Symbol	Rating	Units
Pulse Forward Current	0.1 duty cycle @ 1KHz	I_{FP}	100	mA
DC Forward Current		I_F	25	mA
Reverse Voltage	$I_R = 10 \mu\text{A}$	V_R	5	V
Operating Temperature		T_{opr}	- 25 to + 80	$^\circ \text{ C}$
Storage Temperature		T_{stg}	- 30 to + 85	$^\circ \text{ C}$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

Note

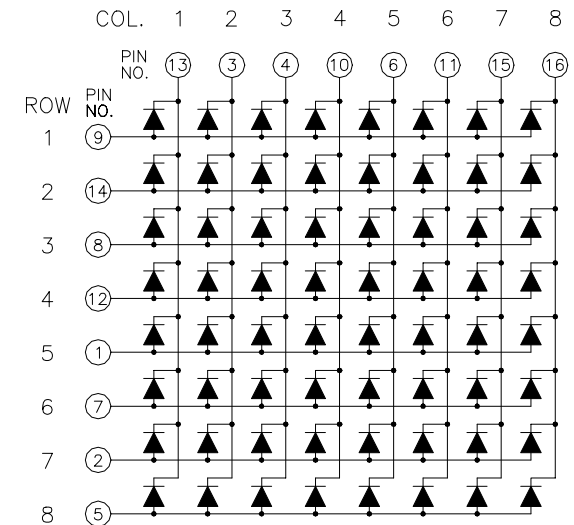
Industry standard procedures regarding static must be observed when handling product produced with 468 nm blue and 502 / 518.nm green die material.



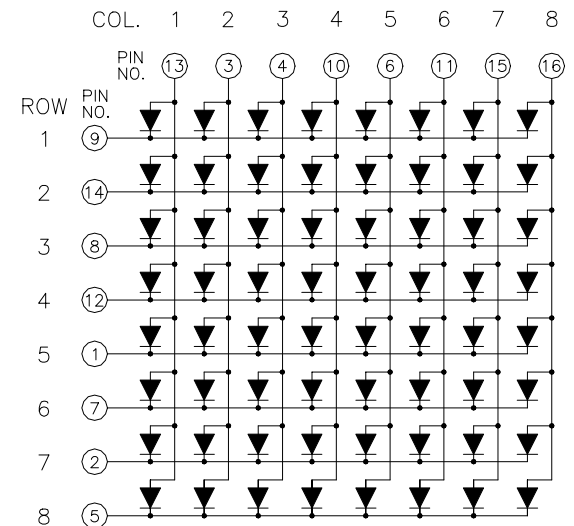
Package Outline



Column Cathode



Column Anode



Tolerance ± 0.25 mm unless stated



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