

Features:

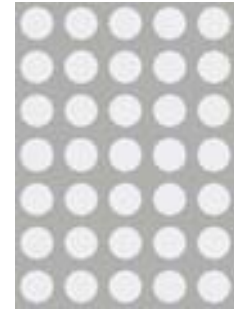
- High dot intensity
- Wide viewing angle
- Range of colours
- Grey face colour
- White dot colour

Available options:

- Alternative face and dot colour
- Long 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 λ_p	Forward Voltage V_F		Luminous Intensity I_V	
				typical	max	min	typical
FND-1571L00GW	FND-1572L00GW	GaAlAs Red	660	1.85	2.00	-	24
FND-1571300GW	FND-1572300GW	HE Red	640	2.05	2.50	-	6
FND-1571Y05300GW	FND-1572Y05300GW	Yellow	591	2.05	2.40	-	36
FND-1571200GW	FND-1572200GW	Green	568	2.10	2.50	-	12
FND-1571B0500GW	FND-1572B0500GW	* HE Blue	465	3.70	4.00	-	8
FND-1571B0100GW	FND-1572B0100GW	Blue	428	3.80	4.50	-	5
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 (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	$^\circ \text{ C}$

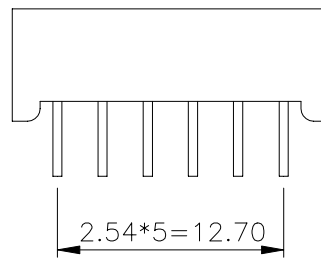
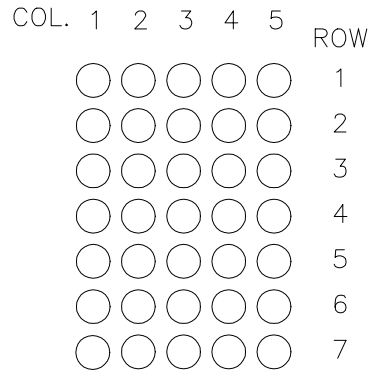
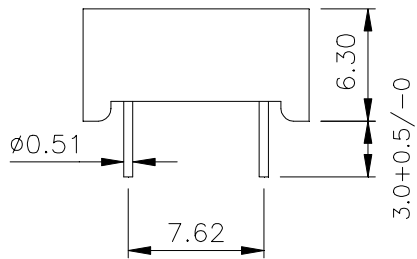
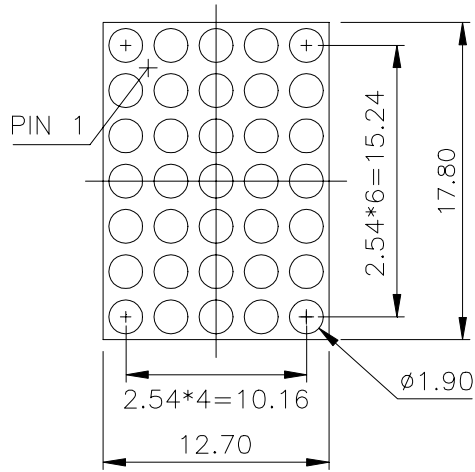
Note

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

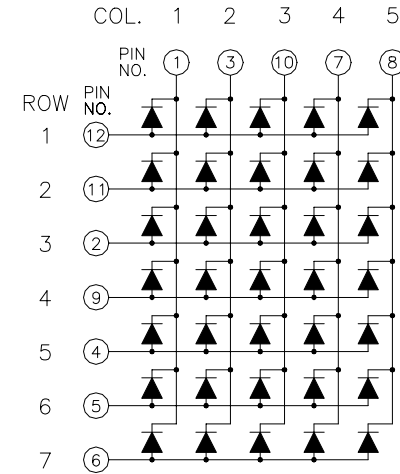
It is the responsibility of the customer to verify the suitability of the product for the application.



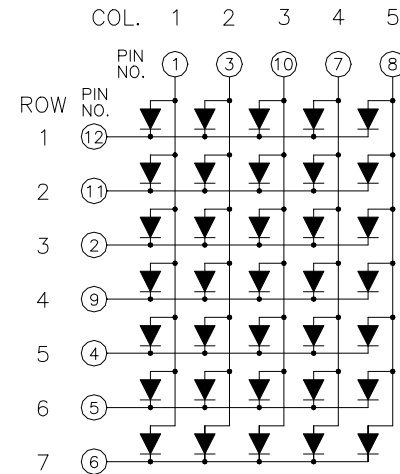
Package Outline



Column Cathode



Column Anode



Tolerance ± 0.25 mm unless stated



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