

Features:

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

Available options:

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

Font design

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 Common Cathode	Part Number Common Anode	Emitting Colour	Wavelength Peak λ_P	Segment Fwd Voltage V_F		Luminous Intensity I_V	
				typical	max	min	typical
FN1-1001L00GW	FN1-1002L00GW	GaAlAs Red	660	3.70	4.00	-	60
FN1-1001300GW	FN1-1002300GW	HE Red	640	4.10	5.00	-	15
FN1-1001Y05300GW	FN1-1002Y05300GW	Yellow	591	4.10	4.80	-	90
FN1-1001200GW	FN1-1002200GW	Green	568	4.20	5.00	-	28
FN1-1001B0500GW	FN1-1002B0500GW	* HE Blue	465	7.40	8.00	-	20
FN1-1001B0100GW	FN1-1002B0100GW	Blue	428	7.60	9.00	-	12
Units			nm	V		mcd / seg. (digit average)	

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

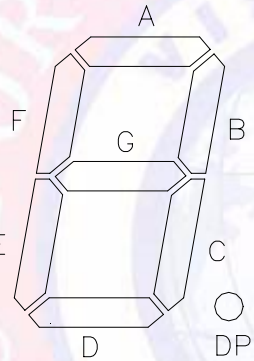
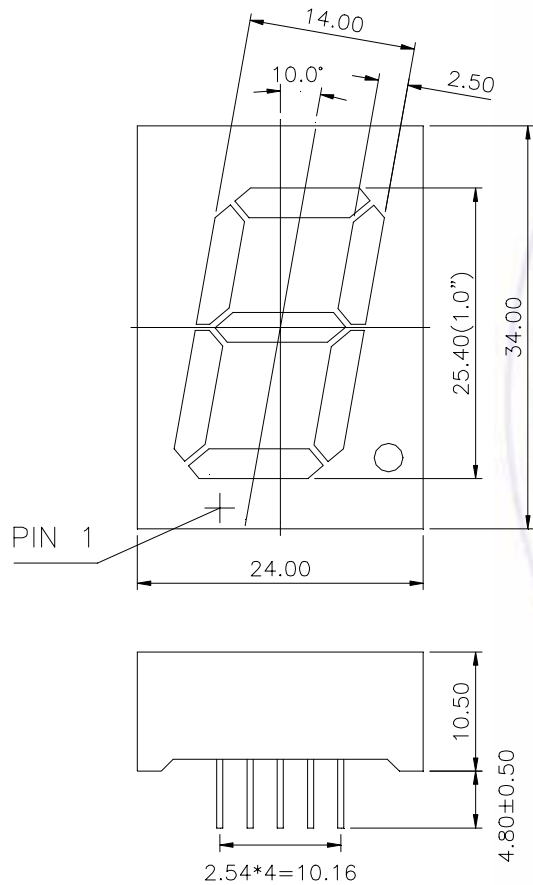
Characteristic	Condition	Symbol	Rating	Units
Pulse Forward Current	0.1 duty cycle @ 1KHz (HE Blue)	I_{FP}	100 (35)	mA
DC Forward Current	(HE Blue)	I_F	25 (15)	mA
Reverse Voltage	$I_R = 10 \mu\text{A}$	V_R	5	V
Operating Temperature		T_{opr}	- 25 to + 80	$^\circ \text{ C}$
Storage Temperature		T_{stg}	- 30 to + 85	$^\circ \text{ C}$
Lead soldering temperature	1.6 mm from body - max 3 seconds		260	$^\circ \text{ C}$

Note

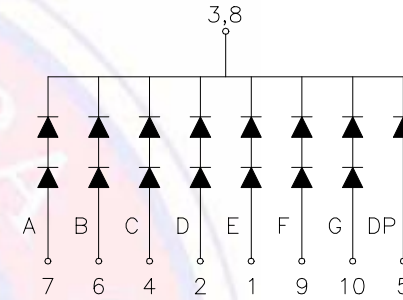
Industry standard procedures regarding static must be observed when handling product produced with blue die material.

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

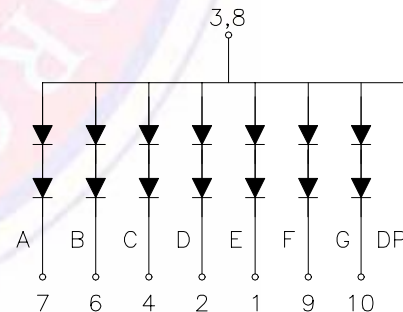
Package Outline



Common Cathode



Common Anode



Tolerance ± 0.25 mm unless stated