

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 $I_F = 40 \text{ mA / segment}$ $20 \text{ mA DP \& Comma}$ $T_a = 25^\circ \text{ C}$
***HE Blue** $I_F = 20 \text{ mA / segment}$ $10 \text{ mA DP \& Comma}$ $T_a = 25^\circ \text{ C}$

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
FN1-5001L00GW	FN1-5002L00GW	GaAlAs Red	660	18.50	20.00	-	870
FN1-5001300GW	FN1-5002300GW	HE Red	640	20.50	25.00	-	230
FN1-5001Y05300GW	FN1-5002Y05300GW	Yellow	591	20.50	24.00	-	1370
FN1-5001200GW	FN1-5002200GW	Green	568	21.00	25.00	-	410
FN1-5001B0500GW	FN1-5002B0500GW	* HE Blue	465	37.00	40.00	-	300
FN1-5001B0100GW	FN1-5002B0100GW	Blue	428	38.00	45.00	-	180
Units			nm	V		mcd / seg. (digit average)	

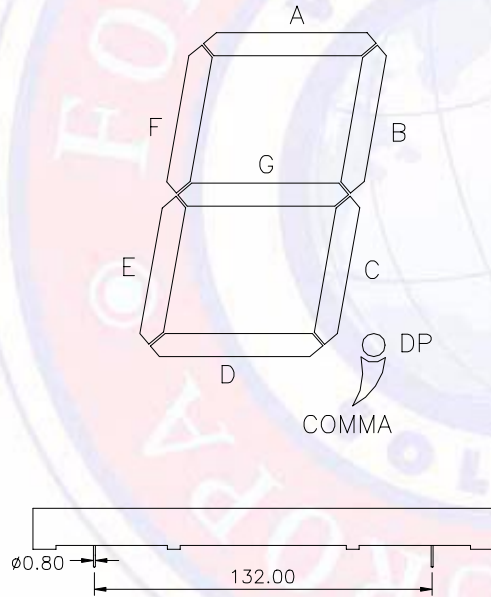
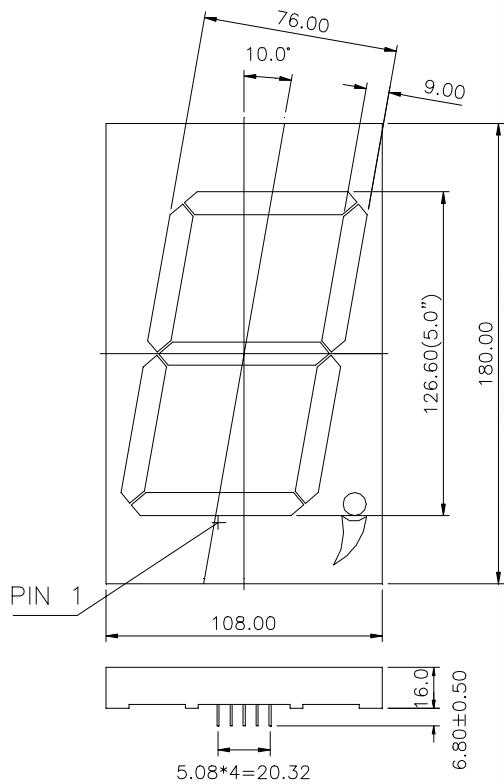
Maximum Ratings / segment $T_a = 25^\circ \text{ C}$ - Derate above 25° C

Characteristic	Condition	Symbol	Rating	Units
Pulse Forward Current	0.1 duty cycle @ 1KHz (HE Blue)	I_{FP}	200 (70)	mA
DC Forward Current	(HE Blue)	I_F	50 (30)	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	$^\circ \text{C}$

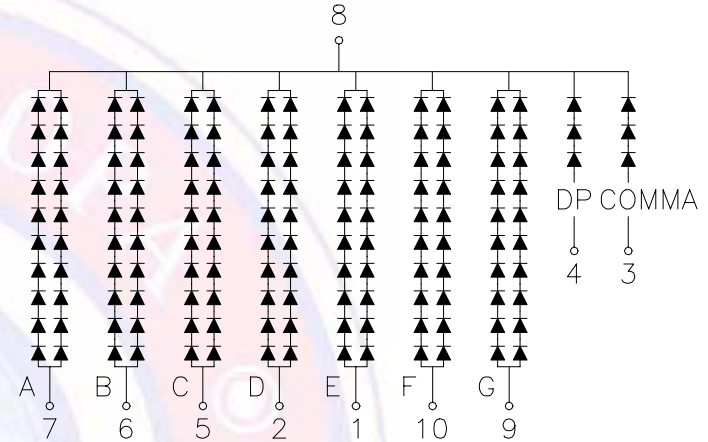
Note

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

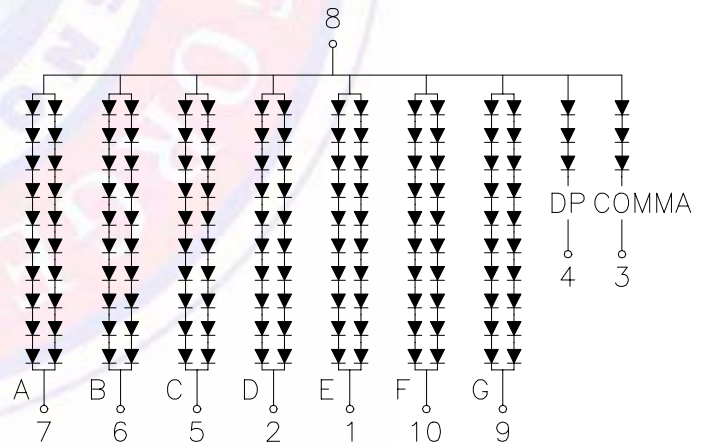
Package Outline



Common Cathode



Common Anode



Tolerance ± 0.25 mm unless stated