

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

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
FN1-4001L08AGW	FN1-4002L08AGW	GaAlAs Red	660	7.40	8.00	-	272
FN1-4001308AGW	FN1-4002308AGW	HE Red	640	8.20	10.00	-	68
FN1-4001R07708AGW	FN1-4002R07708AGW	AlGaInP Red	632	8.00	9.60		800
FN1-4001Y05308AGW	FN1-4002Y05308AGW	Yellow	591	8.20	9.60	-	408
FN1-4001208AGW	FN1-4002208AGW	Green	568	8.40	10.00	-	122
FN1-4001B0508AGW	FN1-4002B0508AGW	* HE Blue	465	14.80	16.50	-	88
FN1-4001B0108AGW	FN1-4002B0108AGW	Blue	428	15.20	18.00	-	54
Units			nm	V		mcd / seg. (digit average)	

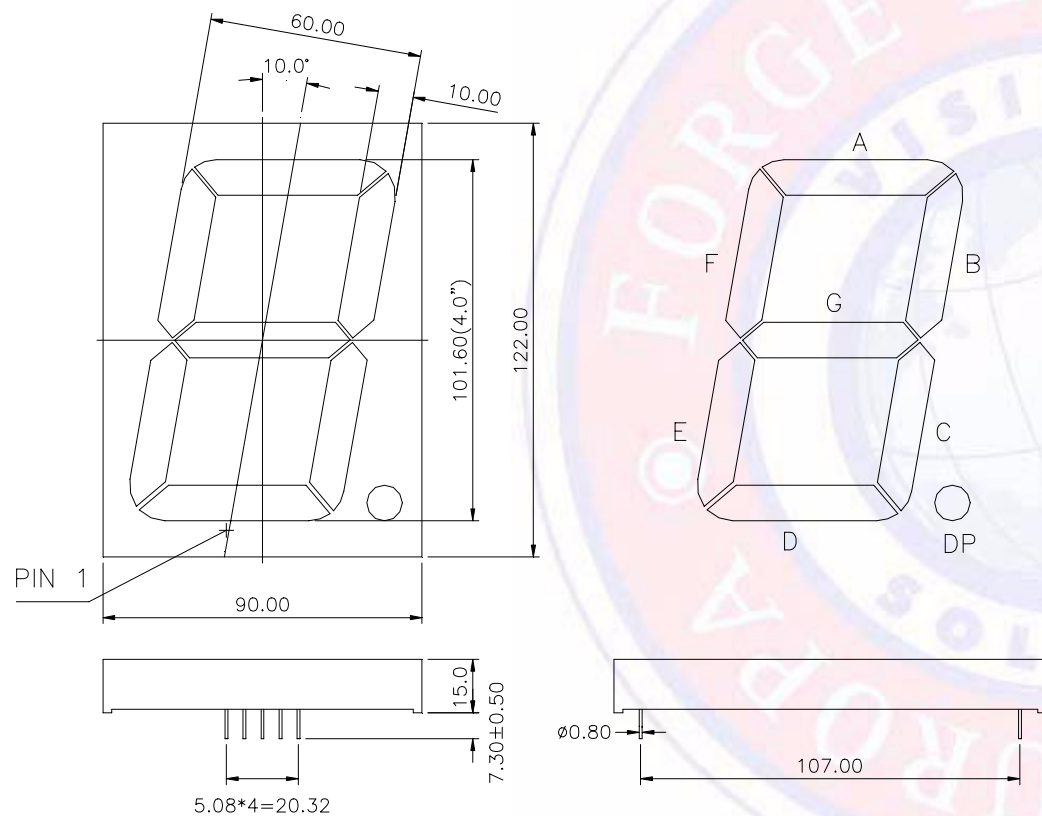
Maximum Ratings / segment $T_a = 25^\circ \text{ C}$ - Derate above 25° C

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

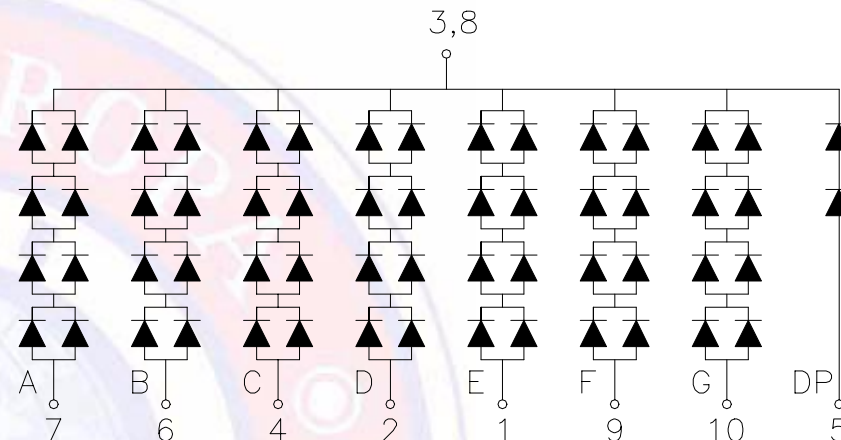
Industry standard procedures regarding static must be observed when handling product produced with blue die material.

Package Outline



Tolerance ± 0.25 mm unless stated

Common Cathode



Common Anode

