

Features:

- Grey face colour, White segment colour.
- Two performance options, HE Blue and Blue.
- Choice of two wavelength, HE Blue 465 nm and Blue 428 nm.
- Distinctive blue colour ideal for a host of applications including audio, instrumentation and corporate signage.
- Very economical.
- Wide viewing angle.

Font design

Product not shown
actual size



Electro / Optical Characteristics - I_F = 20 mA (* HE Blue - I_F = 10 mA) T_a = 25° C

Part Number - Common Cathode		Part Number - Common Anode		Emitting Colour	Wavelength Peak λ _P	Forward Voltage V _F		Luminous Intensity I _V	
Farnell	Forge Europa	Farnell	Forge Europa			typical	max	min	typical
366-4648	FN1-0311B0500GW	366-4650	FN1-0312B0500GW	* HE Blue	465	3.30	3.70	-	8
366-4661	FN1-0311B0100GW	366-4673	FN1-0312B0100GW	Blue	428	3.80	4.50	-	6
Units					nm	V		mcd per segment	

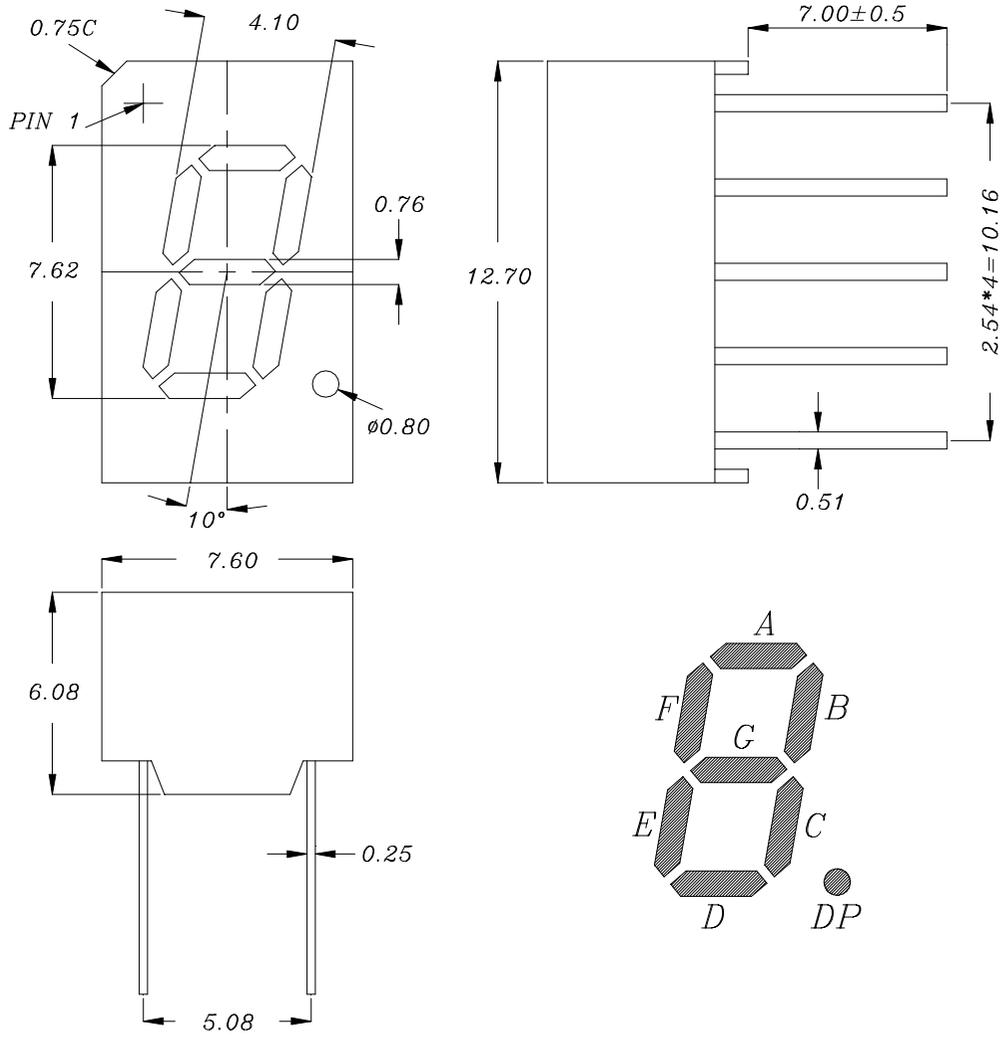
Maximum Ratings T_a = 25° C - Derate above 25° C

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 = 100 μA	V _R	5	V
Power Dissipation		P _D	85	mW
Operating Temperature		T _{opr}	- 25 to + 80	° C
Storage Temperature		T _{stg}	- 30 to + 85	° C
Lead soldering temperature	1.6 mm from body - max 3 seconds		260	° C

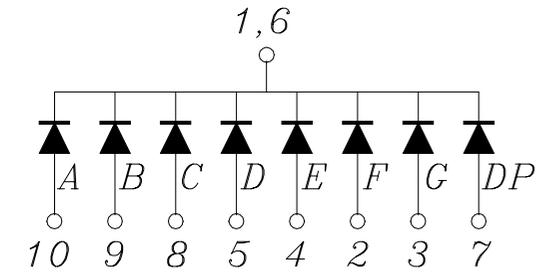
Note

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

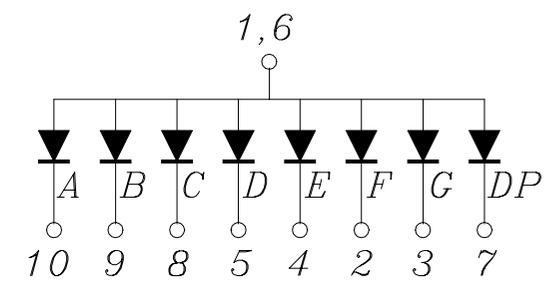
Package Outline



Common Cathode



Common Anode



Tolerance ± 0.25 mm unless stated