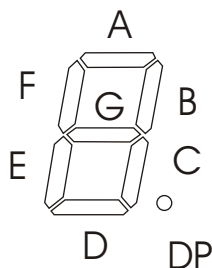
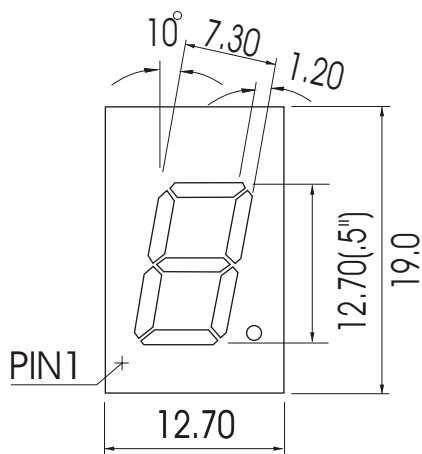
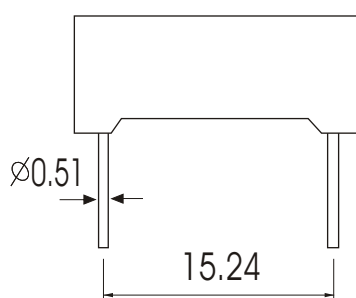
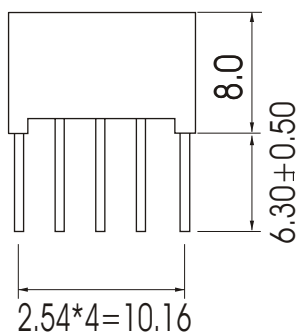


KT10501BBLOB

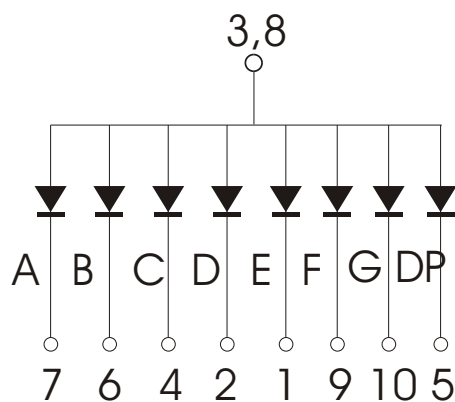


Features

- 0.50 inch digit height
- Low power requirement
- I.C. Compatible
- Easy assembly
- RoHs compliant
- Wide viewing angle
- End stack able
- Gray surface
- White segments
- Common Anode



CODE B



Code:BL High Bright Blue (AlInGaN)

Parameter	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage (Per dice)	Vf	If=20mA	3.1		3.6	V
Reverse Voltage (Per dice)	Vr	Ir=10uA		5		V
Luminous Intensty (Per dice)	Iv	If=20mA		60		mcd
Spectrum With Of Half Value	△λ	If=20mA		22		nm
Wavelength	Dλ	If=20mA	462		465	nm
Peak Forward Current (Per dice) 1/10 Duty Cycle,0.1ms Pulse	Ifp	100				mA
Operating Temperature Range	Topr	- 35 ℃ to 85 ℃				
Storage Temperature Range	Tstg	- 35 ℃ to 85 ℃				
Solder Temperature 1.5mm below seating plane for 3 Seconds at 260 ℃						

Absolute Maximum Rating at T_a=25°C

Fig.1



Fig.2

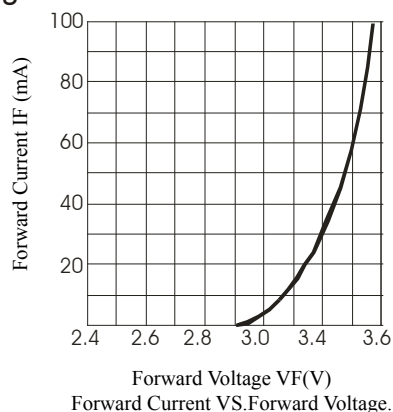


Fig.3

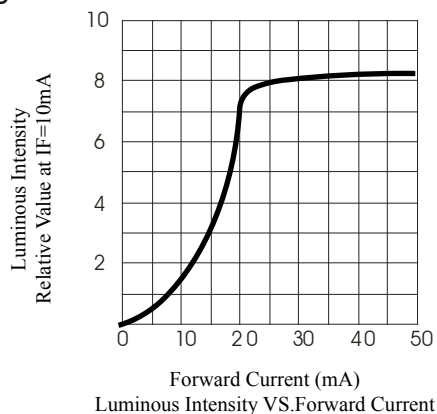
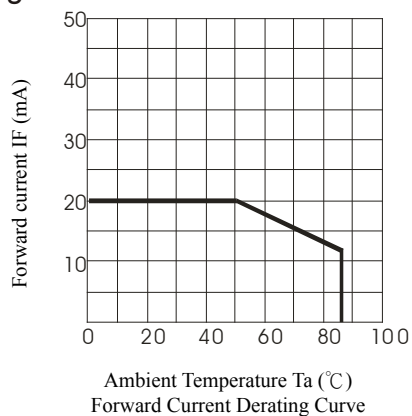


Fig.4



Wave Soldering for Lead-Free Through-hole LED



Solder Temperature	260°C for 5 Seconds
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Lead-free SMT process



Lead solder Temperature	235°C for 5 Seconds
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Notes: Recommend the wave temperature max. 235 °C.

Do not apply stress on the epoxy when temperature over 80 °C.

No more than once.