

4.00"(101.60mm)Single Digit 7 Segment Display

Features:

- *Ultra segment intensity
- *Wide viewing angle
- *Range of colors
- *Black face White segment
- *RoHS compliant

Available option:

- *Alternative face and segment color
- *Alternative font
- *Cropped terminal pins
- *Available emitting color
- *Low current version

Electro/Optical Characteristics If=20mA Ta=25°C

Part Number	Emitting Color	Peak Wavelength	Forward Voltage V _F /Seg.(DP)		Luminous Intensity I _v /Seg.(DP)	
Common Anode			Typ.	Max.	Min.	Typ.
LD-S400UHR-C-A	AlGaInP/GaAs Ultra Red		8.00 (4.00)	10.00(5.00)	320.00(80.00)	480.00(120.00)

Maximum Ratings Ta=25°C (Derate above 25°C)

Characteristic	Test Condition	Symbol	UHR	UE	YO	UY	UG	PG	UB	UW	Units
Pulse Forward Current Per Seg.	1/10 duty cycle 0.1ms Pulse width	I _{FP}	100	100	100	100	100	100	100	100	mA
DC Forward Current Per Seg.		I _F	30	30	30	30	30	30	30	30	mA
Reverse Current Per Seg.	V _R =10V	I _R	10	10	10	10	10	10	10	10	μ A
Power Dissipation		P _D	65*58	65*58	65*58	65*58	75*58	110*58	120*58	120*58	mW
Operating Temperature		T _{OPR}	-40 to +80								°C
Storage Temperature		T _{TSG}	-40 to +85								°C
Lead soldering temperature	1.60mm from body maximum 3 seconds		260								°C

Checked

Approved

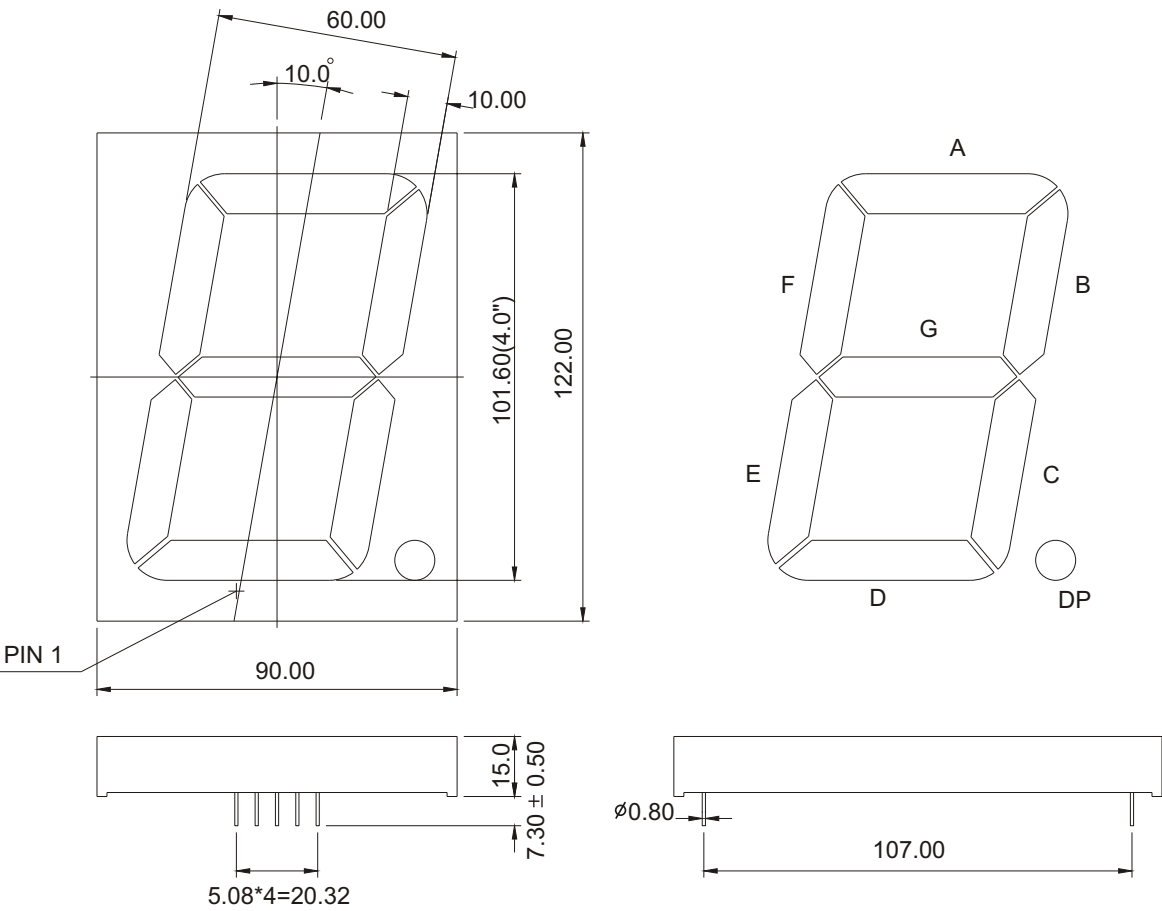
Date

Mar/15/2007

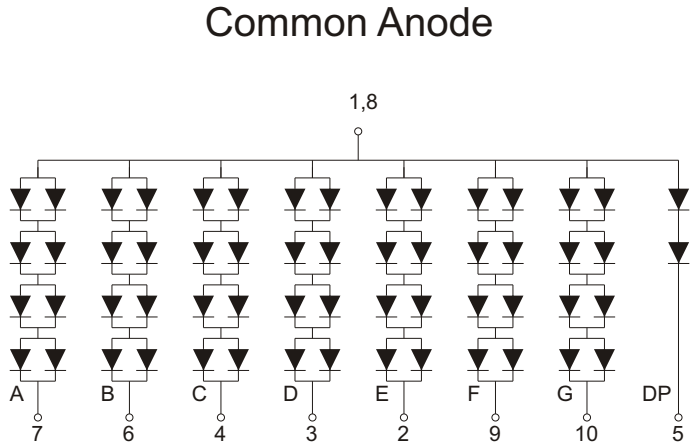
PAGE 1 /2

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PACKAGE DIMENSION



INTERNAL CIRCUIT DIAGRAM



Tolerance $\pm 0.25\text{mm}$ unless stated