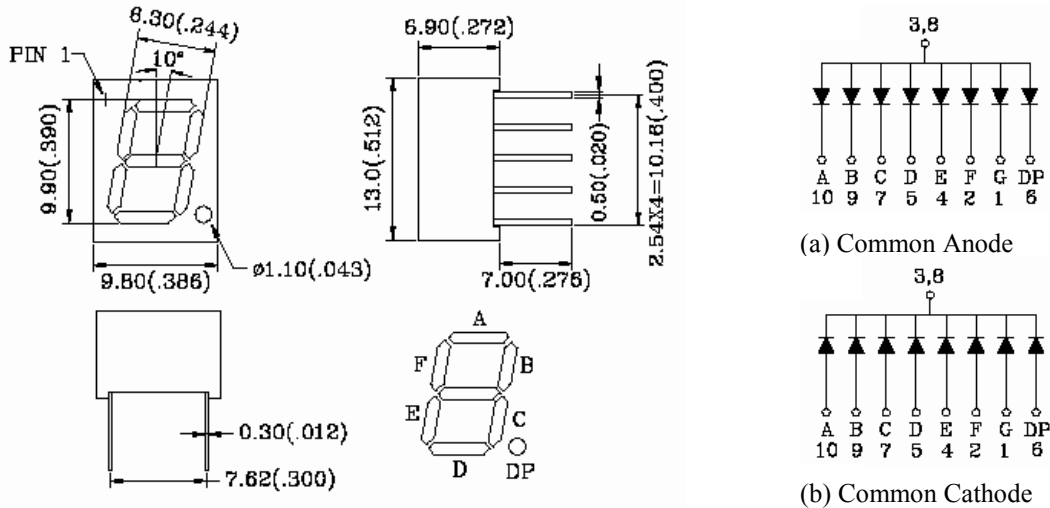


## SEVEN SEGMENT DISPLAY – 9.9 mm (0.39 INCH)

DATA SHEET 3550 REV.1.3



Notes: All dimensions are in mm, tolerance is  $\pm 0.25$  mm (0.01") unless otherwise specified

### Absolute Maximum Ratings $T_a=25^\circ\text{C}$

Parameter	Green/Red	Unit
Power dissipation per segment	60	mw
Peak forward current per segment*	80	mA
Continuous forward current per segment	15	mA
Reverse voltage per segment	5	V
Operating temperature range	-35~85	$^\circ\text{C}$
Storage temperature range	-35~85	$^\circ\text{C}$
Solder temperature 1/16 inch below seating plane for 3 seconds at $260^\circ\text{C}$		

\* 1/10 duty cycle 10 ms pulse width

### Electro-optical Characteristic: ( $T_a=25^\circ\text{C}$ )

Part No.		Chip Material	Color	Wavelength (nm)	Iv (mcd) Typ. 20mA	Note
Common Anode	Common Cathode					
LN1039-G-AGH	LN1039-G-CGH	GaP	Green	572	8	High T. App.
LN1039-RE-AG	LN1039-RE-CG	GaAsP	Red	635	15	
LN1039-RS-AGL	LN1039-RS-CGL	GaAlAs	Red	640	40	Low current

### Features

- 0.39 inch digit height, Gray surface
- Special epoxy for "-xxH" product in  $105^\circ\text{C}$  application
- Uniformly illuminated segments and wide viewing angle
- Easy mounting on PCB or socket

### Description

LN1004 series display is fully compatible with industry standard 0.39" package with options of high temperature application (-xxH), low current (-xxL), common anode (-Axx) and common cathode (-Cxx).

# **SENSITRON**

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## **SEMICONDUCTOR**

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