

Features

0.39" digit height (Digital)
High segment intensity
Range of colours
Multiplexing capability
ROHS Compliant

Options

Black or Grey face colour
Colored segments
Copper terminal pins
Long terminal pins
Low current version



Electro Optical Characteristics $I_F = 20\text{mA}$ ($T_A = 25^\circ\text{C}$)

Part Number		Emitting Colour	Wavelength Peak λ_P (nm)	Forward voltage V_F (V)	
Common Cathode	Common Anode			Typical	Max
039R1B SB	039R1A SB	Superbright Blue	460	2.9	3.2
039R1B UB	039R1A UB	Ultrabright Blue	460	2.9	3.2
039R1B SG	039R1A SG	Superbright Pure Green	530	3.0	3.4
039R1B UG	039R1A UG	Ultrabright Pure Green	530	3.0	3.4
039R1B UYG	039R1A UYG	Superbright Yellow Green	560	2.0	2.2
039R1B UOR	039R1A UOR	Ultrabright Amber	610	1.9	2.2
039R1B UY	039R1A UY	Ultrabright Yellow	590	1.9	2.1
039R1B SR	039R1A SR	Superbright Red	650	1.9	2.1
039R1B UR	039R1A UR	Ultrabright Red	660	1.9	2.1

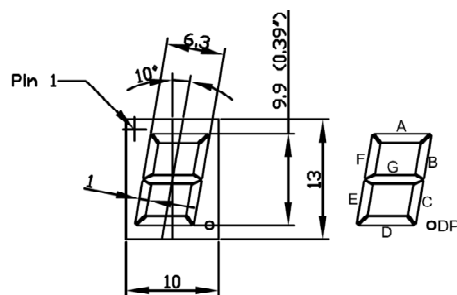
Absolute Maximum Ratings $T_a=25^\circ\text{C}$

Characteristic	Symbol	Rating	Unit
DC forward current	I_F	20	mA
Reverse Voltage	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	-	260	$^\circ\text{C}$

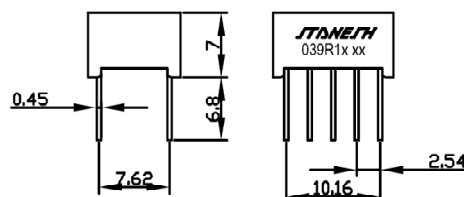
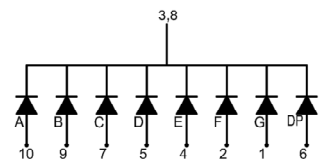
¹ 1.6mm from body – max 3 seconds

Product Diagram (All dimensions are in mm)

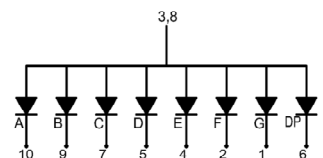
0.39" digital



039R1B xxx
Common cathode



039R1A xxx
Common anode



*Specifications may change due to new materials or product improvement