

Features

0.3" 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
030U1B SB	030U1A SB	Superbright Blue	460	2.9	3.2
030U1B UB	030U1A UB	Ultrabright Blue	460	2.9	3.2
030U1B SG	030U1A SG	Superbright Pure Green	530	3.0	3.4
030U1B UG	030U1A UG	Ultrabright Pure Green	530	3.0	3.4
030U1B UYG	030U1A UYG	Superbright Yellow Green	560	2.0	2.2
030U1B UOR	030U1A UOR	Ultrabright Amber	610	1.9	2.2
030U1B UY	030U1A UY	Ultrabright Yellow	590	1.9	2.1
030U1B SR	030U1A SR	Superbright Red	650	1.9	2.1
030U1B UR	030U1A UR	Ultrabright Red	660	1.9	2.1

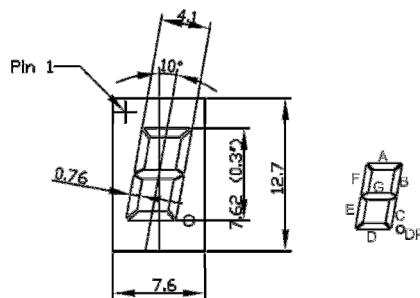
Absolute Maximum Ratings $T_a=25^\circ\text{C}$

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	$^\circ\text{C}$

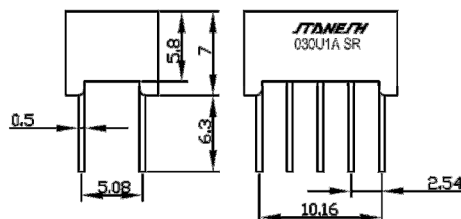
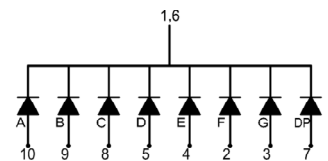
¹ 1.6mm from body – max 3 seconds

Product Diagram (All dimensions are in mm)

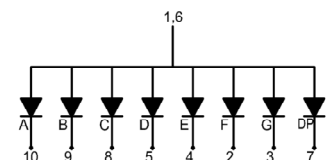
0.3" digital



030U1B xxx
Common
cathode



030U1A xxx
Common
anode



*Specifications may change due to new materials or product improvement