

Features

0.3" digit height
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
030T1B SB	030T1A SB	Superbright Blue	460	2.9	3.2
030T1B UB	030T1A UB	Ultrabright Blue	460	2.9	3.2
030T1B SG	030T1A SG	Superbright Pure Green	530	3.0	3.4
030T1B UG	030T1A UG	Ultrabright Pure Green	530	3.0	3.4
030T1B UYG	030T1A UYG	Superbright Yellow Green	560	2.0	2.2
030T1B UOR	030T1A UOR	Ultrabright Amber	610	1.9	2.2
030T1B UY	030T1A UY	Ultrabright Yellow	590	1.9	2.1
030T1B SR	030T1A SR	Superbright Red	650	1.9	2.1
030T1B UR	030T1A UR	Ultrabright Red	660	1.9	2.1

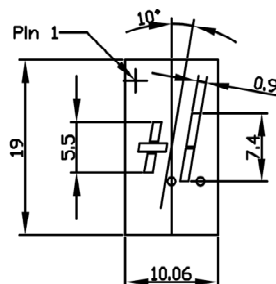
Absolute Maximum Ratings $T_a=25^\circ\text{C}$

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	$^\circ\text{C}$

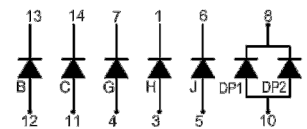
¹ 1.6mm from body – max 3 seconds

Product Diagram (All dimensions are in mm)

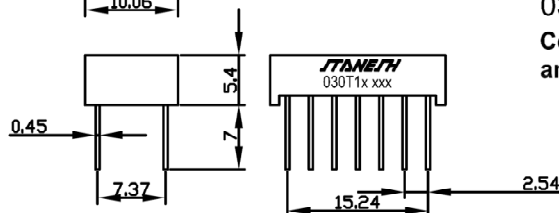
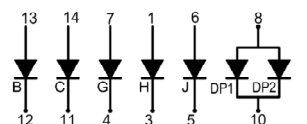
0.3 +1 type



030T1B xxx
Common cathode



030T1A xxx
Common anode



*Specifications may change due to new materials or product improvement