

### Features

0.36" 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 $\lambda_P$ (nm)	Forward voltage $V_F$ (V)	
Common Cathode	Common Anode			Typical	Max
036R1B SB	036R1A SB	Superbright Blue	460	2.9	3.2
036R1B UB	036R1A UB	Ultrabright Blue	460	2.9	3.2
036R1B SG	036R1A SG	Superbright Pure Green	530	3.0	3.4
036R1B UG	036R1A UG	Ultrabright Pure Green	530	3.0	3.4
036R1B UYG	036R1A UYG	Superbright Yellow Green	560	2.0	2.2
036R1B UOR	036R1A UOR	Ultrabright Amber	610	1.9	2.2
036R1B UY	036R1A UY	Ultrabright Yellow	590	1.9	2.1
036R1B SR	036R1A SR	Superbright Red	650	1.9	2.1
036R1B UR	036R1A UR	Ultrabright Red	660	1.9	2.1

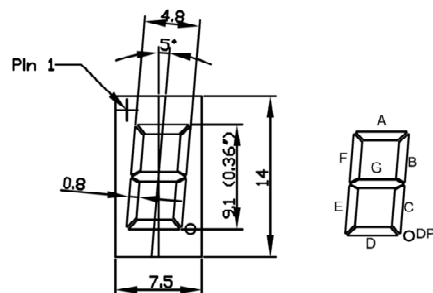
### Absolute Maximum Ratings $T_a=25^\circ\text{C}$

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 <sup>1</sup>	-	260	$^\circ\text{C}$

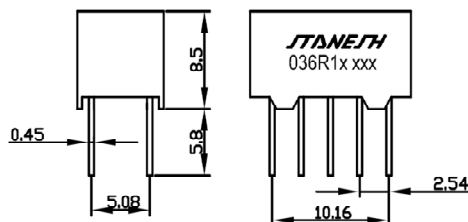
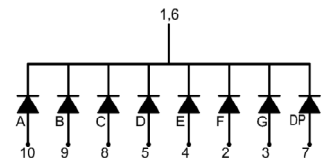
<sup>1</sup> 1.6mm from body – max 3 seconds

### Product Diagram (All dimensions are in mm)

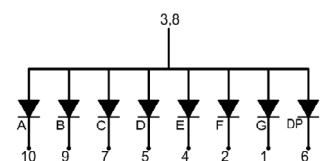
0.36" digital



036R1B xxx  
Common  
cathode



039R1A xxx  
Common  
anode



\*Specifications may change due to new materials or product improvement