

### Features

13mm X 31mm LED light bar  
High intensity  
Range of colours  
ROHS Compliant

### Options

Black or Grey face colour  
Colored segments  
Screw type terminals  
Low current version



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

Part Number (6 LED's per device.)	Emitting Colour	Wavelength Peak $\lambda_P$ (nm)	Forward voltage $V_F$ (V)	
			Typical	Max
13 X 31 ANA06 SB	Superbright Blue	460	8.7	9.6
13 X 31 ANA06 UB	Ultrabright Blue	460	8.7	9.6
13 X 31 ANA06 SG	Superbright Pure Green	530	9.0	10.2
13 X 31 ANA06 UG	Ultrabright Pure Green	530	9.0	10.2
13 X 31 ANA06 UYG	Superbright Yellow Green	560	6.0	6.6
13 X 31 ANA06 UOR	Ultrabright Amber	610	5.7	6.6
13 X 31 ANA06 UY	Ultrabright Yellow	590	5.7	6.3
13 X 31 ANA06 SR	Superbright Red	650	5.7	6.3
13 X 31 ANA06 UR	Ultrabright Red	660	5.7	6.3

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

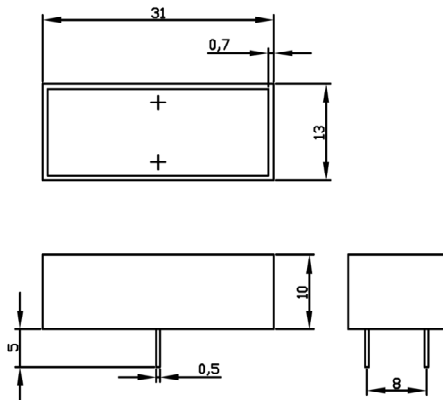
Characteristic	Symbol	Rating	Unit
DC forward current	$I_F$	20	mA
Reverse Voltage	$V_R$	15	V
Operating Temperature	$T_{opr}$	-25 to +80	$^\circ\text{C}$
Storage Temperature	$T_{stg}$	-30 to +85	$^\circ\text{C}$
Lead Soldering Temperature <sup>1</sup>	-	260	$^\circ\text{C}$

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

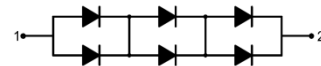
### Product Diagram (All dimensions are in mm)

#### 13 X 31 ANA06 xxx

13mm X 31mm anaciating window



#### 13 X 31 ANA10 xxx



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