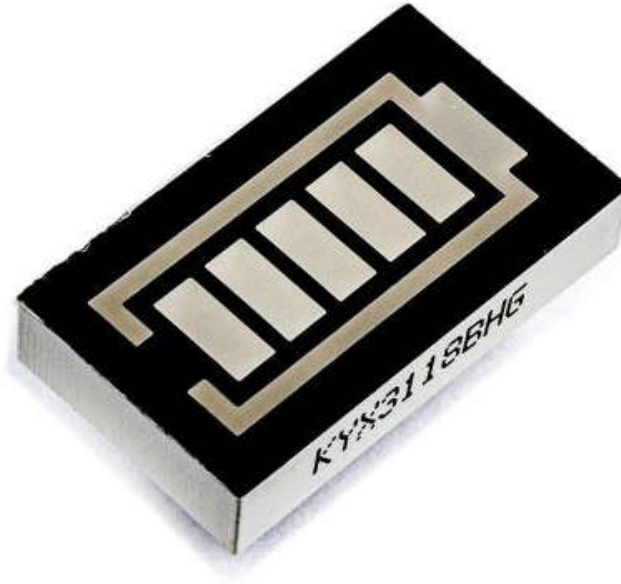


# BI-COLOR 5-BARS BATTERY BARGRAPH



## Quick Details

Application: Graphics  
Color: red and green, ultra Red2+pure green  
Panel Size: 30.8\*17.8\*6mm  
Pixel Pitch: 20mm  
Model Number: HOUKEM-3118-UR2PG  
Brand Name: HOUKEM  
Usage: Indoor  
Forward Voltage: 1.8-2V  
operating temperature: -20 ~ +50 °C  
Life span: 50000hours

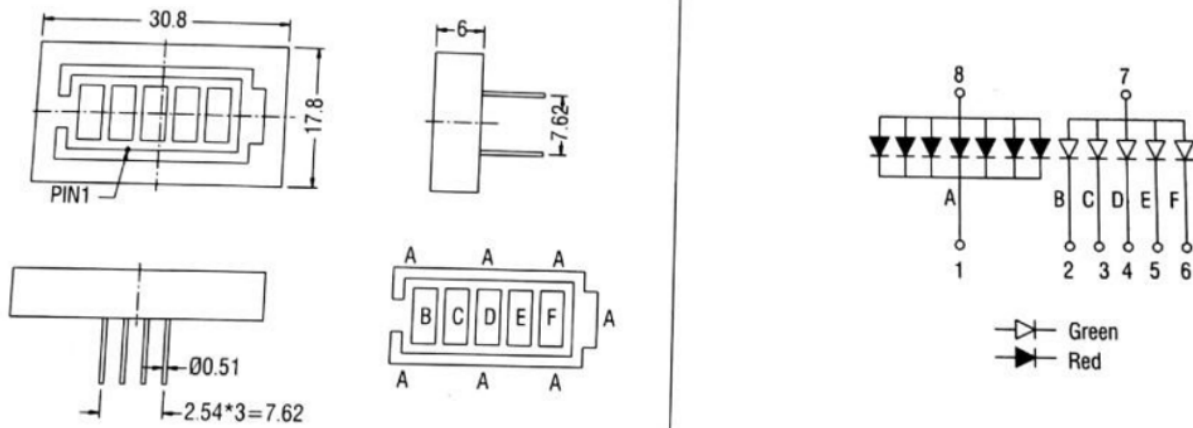
## Product Description

*red and green bi-color 5 segment led bar graph display*

1, Low consumption    2, High brightness

Item No.	HOUKEM-3118-UR2PG
Dimension	30.8*17.8*6mm
Surface color	Black / Grey
epoxy color	white
Emitting color	ultra red +pure green

## Package dimension & Internal circuit diagram



**Note: If this PCB layout don't meet your requirements, please contact me for other choices.**  
**Color Code & Chip characteristic PER CHIP: (Test Condition: IF=15Ma)**

Emitting Color	Test Condition	Wavelength(nm)		Forward Voltage(V)		Luminous Intensity (mcd)	
		( $\lambda_p$ )	$\lambda$	Typ	Max	Typ	Max
Amber	IF=10-15mA	600-605	30	1.9	2.0	90	100
Super green	IF=10-15mA	565-575	30	1.9	2.0	48	55
Super red	IF=10-15mA	620-625	20	1.8	2.0	110	130
Ultra red 1	IF=10-15mA	620-625	20	1.8	2.0	200	210
Ultra red 2	IF=10-15mA	620-625	20	1.8	2.0	300	350
High red	IF=10-15mA	638-660	20	1.8	1.9	15	20
Yellow green	IF=10-15mA	570-580	30	1.9	2.0	43	50
Yellow	IF=10-15mA	580-600	35	1.9	2.0	70	80
Blue	IF=10-15mA	465-475	40	2.95	3.0	150	200
Pure green	IF=10-15mA	515-525	40	2.95	3.0	600	640
White	IF=10-15mA	-	-	2.8	2.9	180	200

