



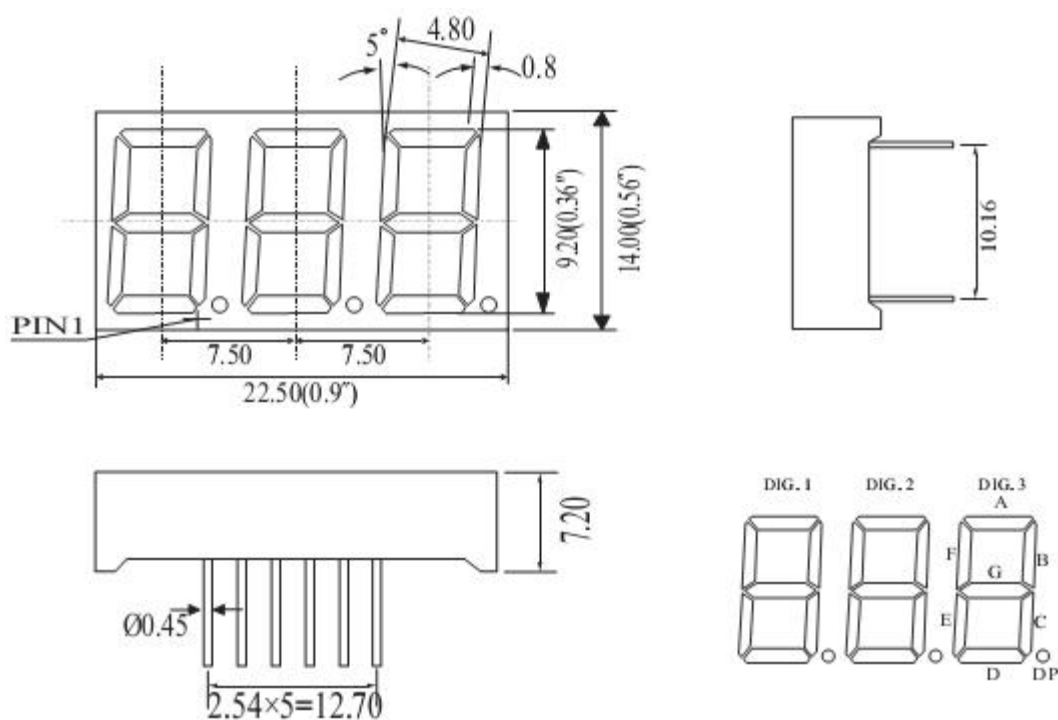
# Wuxi Compul Electronics Co.,Ltd

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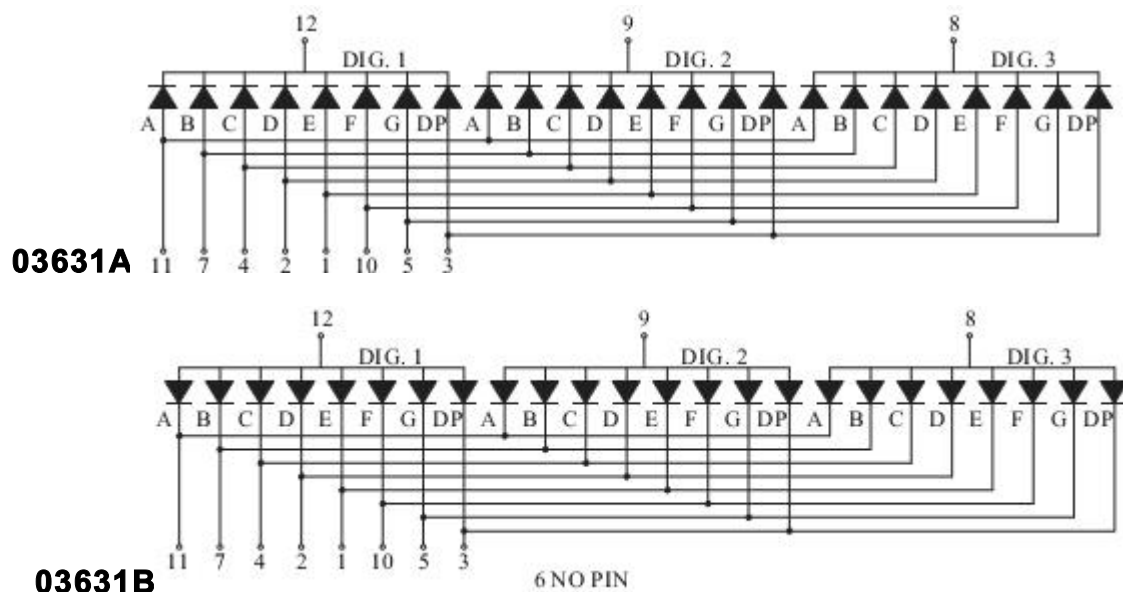
## Package Dimensions

### CPS03631AB



UNIT: MM(INCH) TOLERANCE:  $\pm 0.25(0.01")$

## Internal Circuit Diagram



## Three Digits Displays Series

## Part Number: CPS03631BR-11 High Efficiency Red

### DESCRIPTION

- 9.2mm (0.36") Three digits numeric display series, common anode, Black surface and white Epoxy
- Standard brightness.
- Low current operation.
- Excellent character appearance.
- Easy mounting on P.C.boards or sockets.

### Absolute maximum ratings (Ta=25°C)

Parameter	Symbol	Test Condition	Value		Unit
			Min	Max	
Reverse Voltage	VR	IR=10uA	5	-----	V
Forward Current	IF	VF=2V	-----	20	mA
Power Dissipation	Pd	VF=2V	-----	0.96	W
Operating Temperature	Topr	-----	-40	85	°C
Storage Temperature	Tstr	-----	-40	85	°C

### Description:

#### Color Code & Chip characteristics: (Test Condition: IF=20mA)

Emitting Col or		Dice Material	Peak Wave Length	Spectral Line halfwidth	Forward Voltage(VF)		Luminous Intensity (Iv)  Unit:mcd	
			(λP)	( λ1/2)	Min	Max		
R	Red	AlGaInP	632nm	16nm	1.9	2.2	2	22
YG	YG	AlGaInP	570nm	20nm	1.9	2.2	2	32
PG	Green	AlGaInP	520nm	30nm	3.0	3.4	3.2	280
B	Blue	AlGaInP	465nm	30nm	3.0	3.4	3.2	70
Y	Yellow	AlGaInP	588nm	20nm	1.9	2.4	1.9	30
A	Amber	AlGaInP	625nm	20nm	1.9	2.2	2	70
O	Orange	AlGaInP	605nm	20nm	1.9	2.2	2	50

#### -XX: Surface / Lens color:

Number	0	1	2	3	4
Ref Surface Color	White	Black	Gray	Red	Green
Epoxy Color	Water clear	White Diffused	Red Diffused	Green Diffused	Yellow Diffused