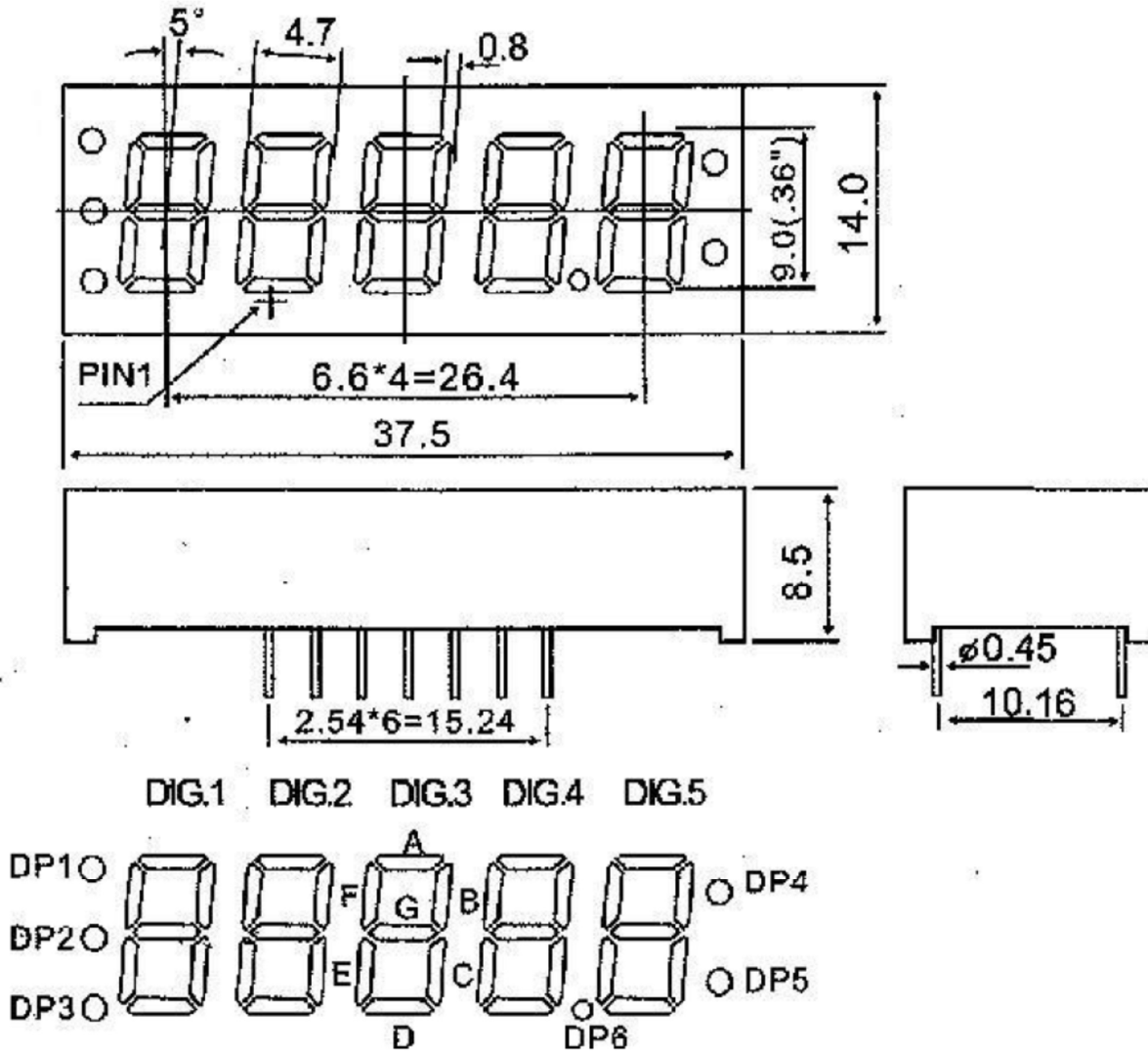


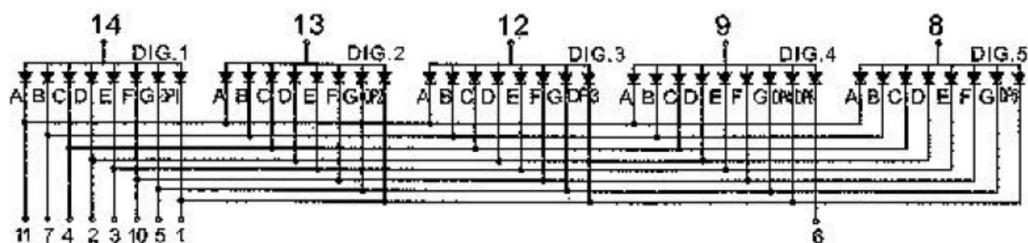
HB3625AESR

Package Dimensions



UNIT: MM(INCH) TOLERANCE: ±0.25(0.01")

Internal Circuit Diagram



HB3625AESR

DESCRIPTION

- 9.2mm (0.36") Five digits display series.
- 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=20mA	2	-----	V
Forward Current	IF	VF=2V	-----	18	mA
Power Dissipation	Pd	VF=2V	-----	70	mW
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 (λP)	Spectral Line halfwidth (Δλ1/2)	Forward Voltage(VF) Unit:V		Luminous Intensity (Iv) Unit:mcd		
				Min	Max			
R	Red	AlGaInP	632nm	16nm	1.9	2.2	2	22
YG	YG	AlGaInP	570nm	20nm	1.9	2.2	2	32
G	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