

# BRIGHT LED ELECTRONICS CORP.

## LED DOT MATRIX DISPLAY SPECIFICATION

● COMMODITY : 3.50" High  $\phi$  7.60

● DEVICE NUMBER : BM-30EG58ND

VERSION : 1.0 /2000.09.28

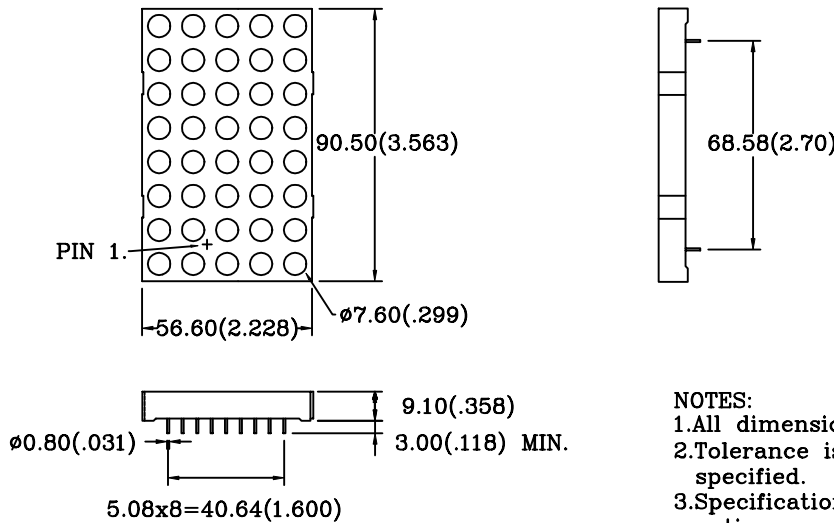
● ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta=25°C)

Chip		Absolute Maximum Rating				Electro-optical Data (At 10mA)			Surface Color	Segment Color
Emitted Color	Peak Wave Length $\lambda P$ (nm)	$\Delta \lambda$ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf(V)		Iv Typ. (mcd)		
						Typ.	Max.			
Hi-Eff Red	635	45	80	30	150	2.0	2.5	15.0	Black	White
Yellow Green	568	30	80	30	150	2.1	2.5	15.0		

● ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Reverse Voltage .....	5V
Reverse Current (-Vr=5V) .....	50 $\mu$ A
Operating Temperature Range .....	-40°C ~ 80°C
Storage Temperature Range .....	-40°C ~ 85°C
Lead Soldering Temperature (1/16" From Body).....	260°C For 5 Seconds

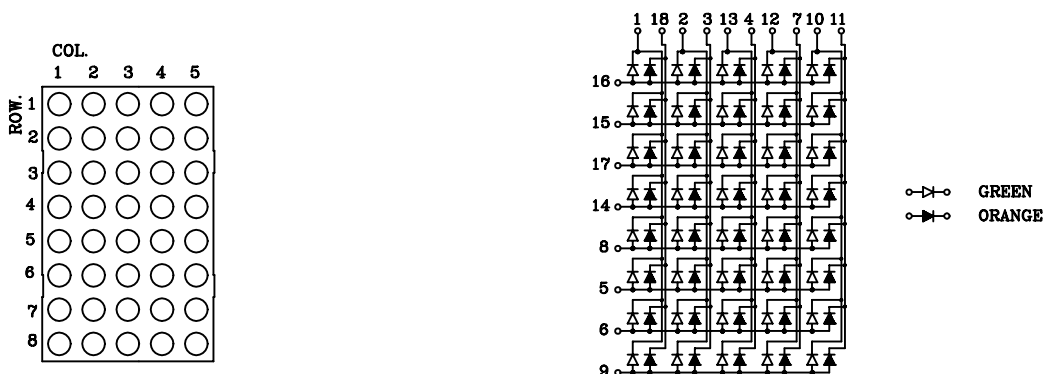
### PACKAGE DIMENSIONS:



#### NOTES:

- 1.All dimensions are in millimeters(inches).
- 2.Tolerance is  $\pm 0.25$ mm(.01") unless otherwise specified.
- 3.Specifications are subject to change without notice.

### PIN FUNCTIONS:



RELEASED:



ENGINEER:

