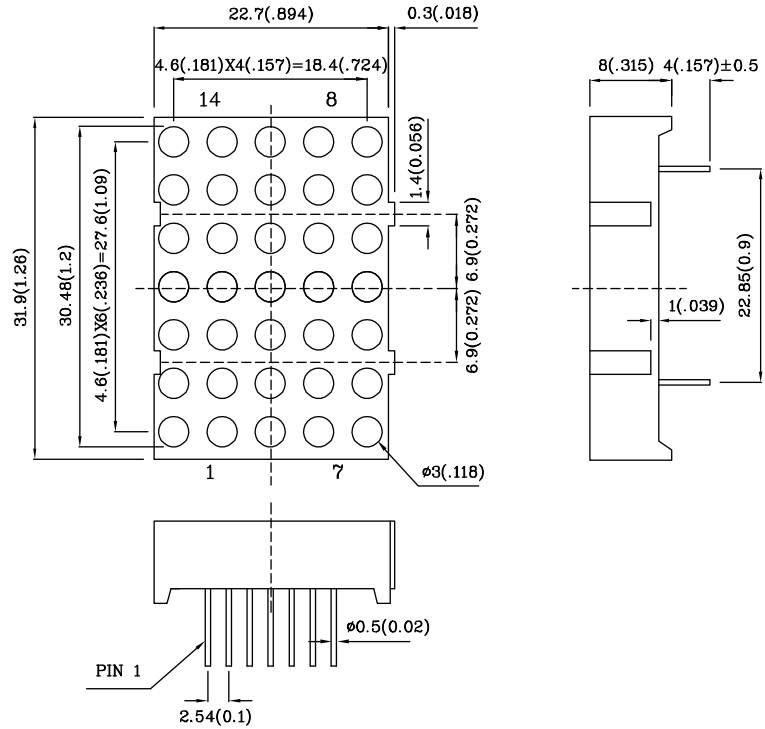
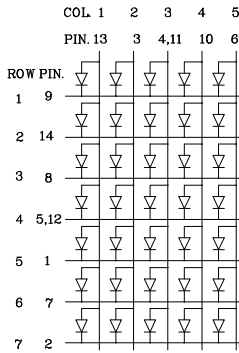


**Features**

- 1.2 INCH MATRIX HEIGHT.
- DOT SIZE 3mm.
- LOW CURRENT OPERATION.
- HIGH CONTRAST AND LIGHT OUTPUT.
- COMPATIBLE WITH ASCII AND EBCDIC CODES.
- COLUMN ANODE .
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- MECHANICALLY RUGGED.
- STANDARD : GRAY FACE, WHITE DOT.



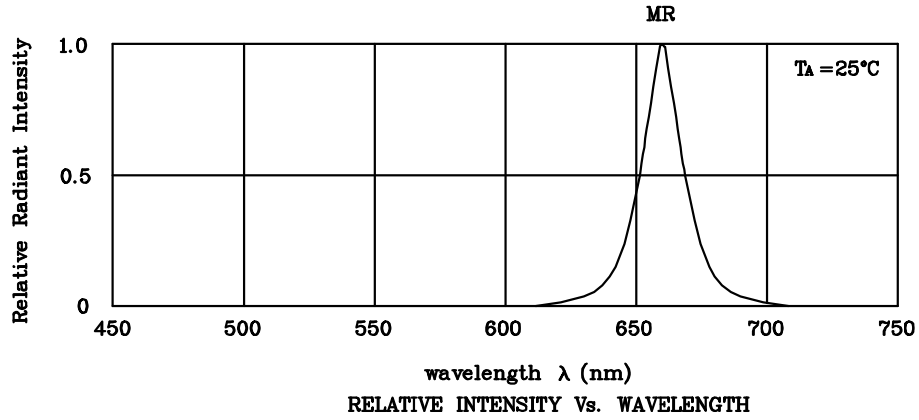
Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25(0.01)$ " unless otherwise noted.

Absolute maximum ratings (TA=25°C)		MR (GaAlAs)	Unit
Reverse voltage	VR	5	V
Forward current	IF	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	iFS	155	mA
Power dissipation	PT	100	mW
Operating temperature	TA	-40 ~ +85	°C
Storage temperature	Tstg	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics (TA=25°C)		MR (GaAlAs)	Unit
Forward voltage (typ.) (IF=10mA)	VF	1.8	V
Forward voltage (max.) (IF=10mA)	VF	2.5	V
Reverse current (VR=5V)	IR	10	uA
Wavelength at peak emission (IF=10mA)	$\lambda$ peak	660	nm
Wavelength at Dominate emission (IF=10mA)	$\lambda$ D	640	nm
Spectral Line half-width (IF=10mA)	$\Delta\lambda$	20	nm
Capacitance (VF=0V, f=1MHz)	C	45	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd	Wavelength nm $\lambda$ P	Description
			min.	typ.	
MMR30A-1B	Red	GaAlAs	12000	35990	660 Column Anode



❖ MR

