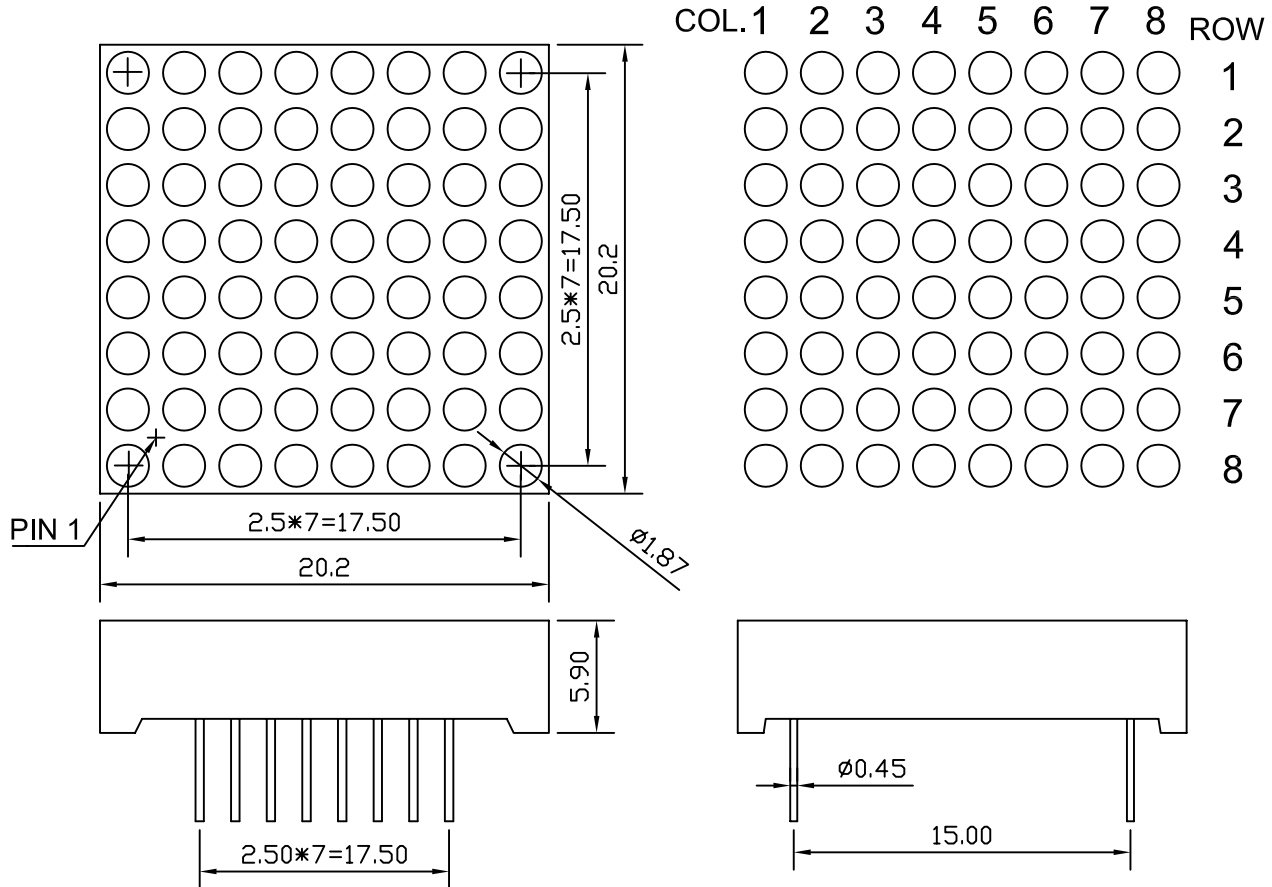


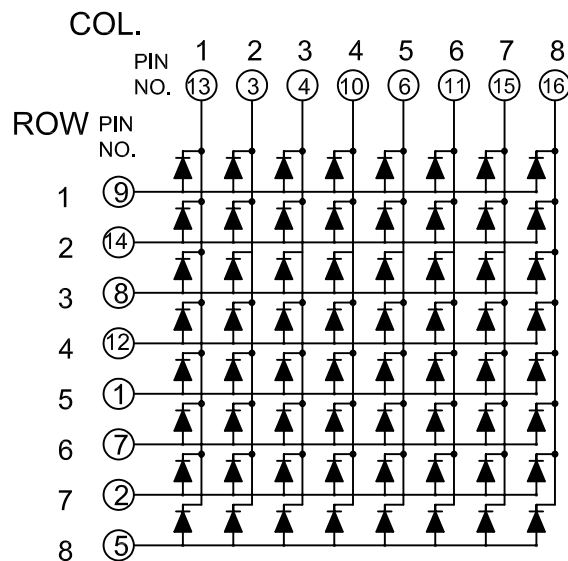


GYXM-788ASR

PACKAGE DIMENSIONS



INTERNAL CIRCUIT DIAGRAM



NOTES:

1. All Dimensions are in millimeters(inches).
2. Tolerance is $\pm 0.25\text{mm}(0.01\text{'})$ unless otherwise noted

GENERAL INFORMATION

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-788ASR	GaAlAs/GaAs	RED	water clear	common Anode

Electrical/Optical Characteristics at Ta=25° C

Parameter	Symbol	Typ.	Max.	Unit	Conditions
Luminous Intensity	Iv	11	—	mcd	IF=20mA
Peak Wavelength	λP	—	—	nm	IF=20mA
Dominant Wavelength	λD	645	—	nm	IF=20mA
Spectral Line Half-Width	Δλ	—	45	nm	IF=20mA
Forward Voltage	VF	1.85	1.95	V	IF=20mA
Reverse Current	IR	50	—	uA	VR=5V

Absolute Maximum Ratings at Ta=25° C

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	Pd	65	mW
Forward Current	IF	20	mA
Peak Forward Current(1)	IF(Peak)	120	mA
Reverse Voltage	VR	5	V
Operating Temperature	Topr	-40° c+80° c	
Storage Temperature	Tstg	-40° c+80° c	
Lead Solder Temperature(2)	Tsol	260° c for 5 seconds	

Notes:
1. 1/10 duty cycle, 0.1ms pulse width.
2. 2mm below package base.