

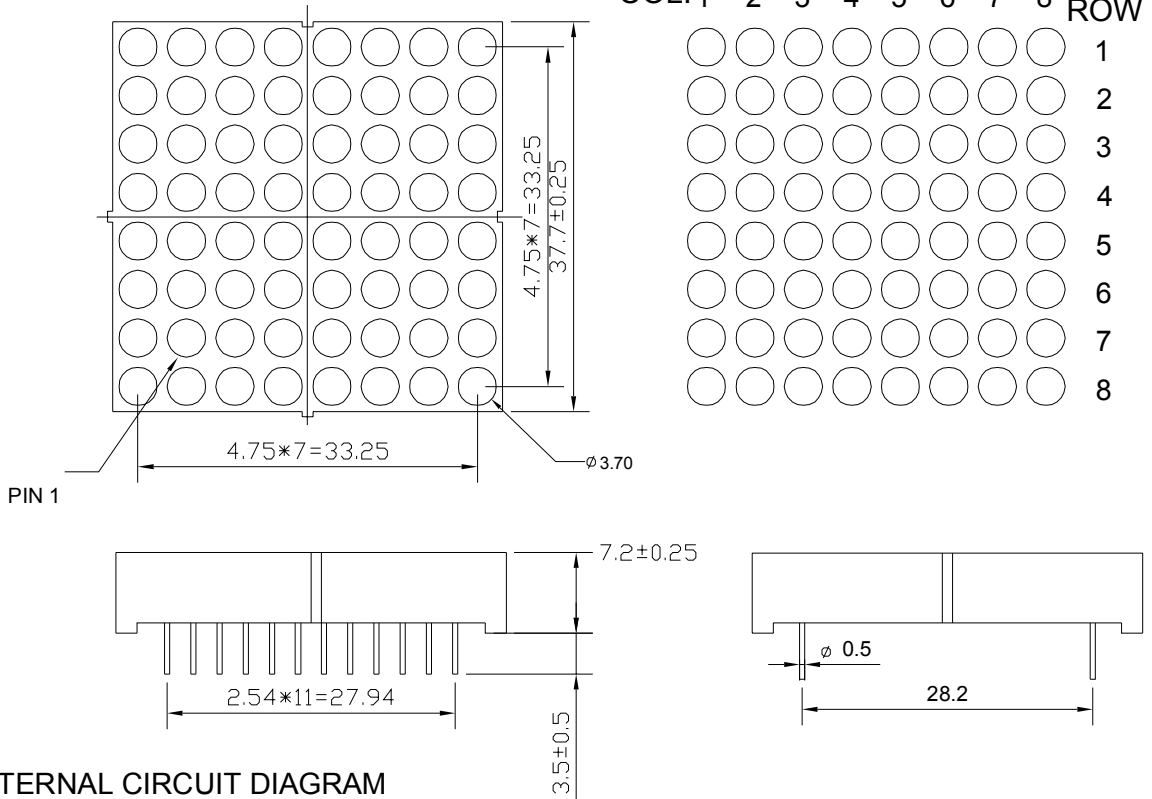
KRM-1588AURPG



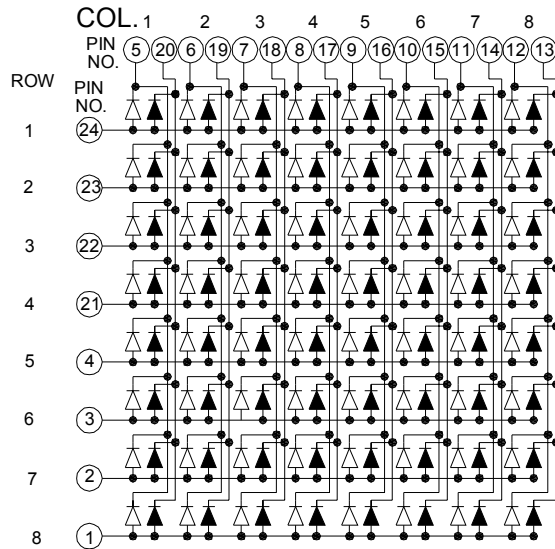
Features

- ◆ Low current operation.
- ◆ Excellent character appearance.
- ◆ Easy mounting on P.C.boards or sockets.
- ◆ RoHS compliant
- ◆ Electrostatic sensitive devices

PACKAGE DIMENSIONS



INTERNAL CIRCUIT DIAGRAM



NOTES:

1. All Dimensions are in millimeters (inches).
2. Tolerance is ± 0.25 mm (0.01") unless otherwise noted

▶ =RED ◀ =PURE GREEN



GENERAL INFORMATION

Part No.	Chip Material	Emitting Color	Lens Type	Description
KRM-1588AURPG	AllnGaP	RED	Water Clear	Common Anode
	GaN	PURE GREEN		

Electrical/Optical Characteristics at Ta=25 °C

Parameter	Symbol	Typ.	Max.	Unit	Conditions
Luminous Intensity	I _v	90	—	mcd	I _F =20mA
		280	—		
Peak Wavelength	λ _P	—	—	nm	I _F =20mA
		—	—		
Dominant Wavelength	λ _D	621	—	nm	I _F =20mA
		520	—		
Spectral Line Half-Width	Δλ	—	45	nm	I _F =20mA
		—	30		
Forward Voltage	V _F	2.0	—	V	I _F =20mA
		3.2	—		
Reverse Current	I _R	—	50	uA	V _R =5V

Absolute Maximum Ratings at Ta=25 °C

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	P _d	65	mW
Forward Current	I _F	20	mA
Peak Forward Current(1)	I _F (Peak)	80	mA
Reverse Voltage	V _R	5	V
Operating Temperature	T _{opr}	-35° c+80° c	
Storage Temperature	T _{stg}	-35° c+80° c	
Lead Solder Temperature(2)	T _{sol}	260° c for 3~5 seconds	

Notes:

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