

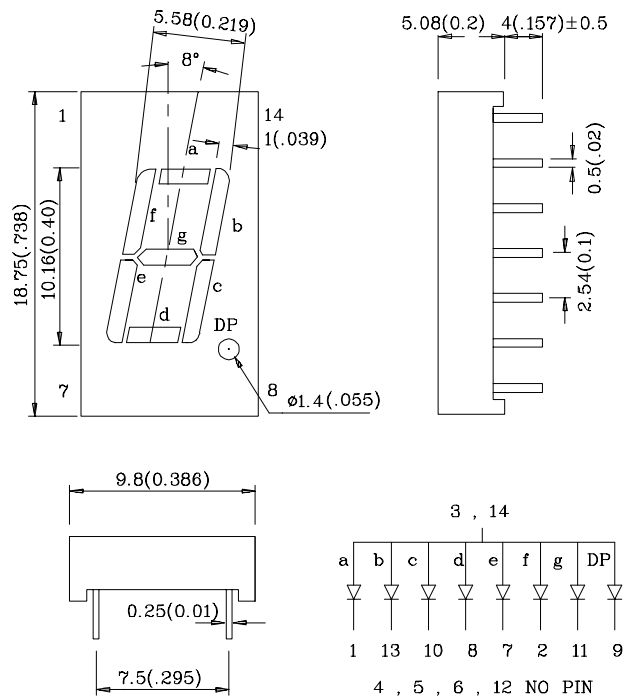


SUN LED

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XDMR10A



Notes:

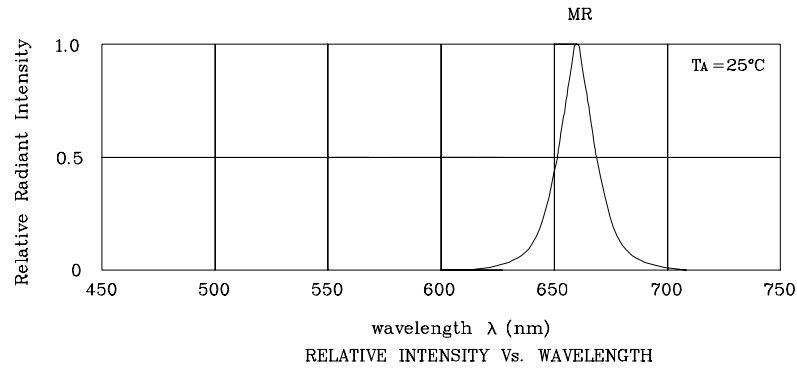
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.

Absolute maximum ratings (T _A =25°C)		MR (GaAlAs)	Unit
Reverse voltage	V _R	5	V
Forward current	I _F	30	mA
Forward current (peak) 1/10Duty cycle 0.1ms pulse width	i _{FS}	155	mA
Power dissipation	P _T	100	mW
Operating temperature	T _A	-40 ~ +85	°C
Storage temperature	T _{stg}		
Lead solder temperature [2mm below package base]	260°C For 5 Seconds		

Operating Characteristics (T _A =25°C)		MR (GaAlAs)	Unit
Forward voltage (typ.) (I _F =10mA)	V _F	1.8	V
Forward voltage (max.) (I _F =10mA)	V _F	2.5	V
Reverse current (V _R =5V)	I _R	10	uA
Wavelength at peak emission (I _F =10mA)	λ _{peak}	660	nm
Wavelength at Dominate emission (I _F =10mA)	λ _D	640	nm
Spectral Line half-width (I _F =10mA)	Δλ	20	nm
Capacitance (V _F =0V, f=1MHz)	C	45	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA)		Wavelength nm λP	Description
			min.	typ.		
XDMR10A	Red	GaAlAs	8000	17990	660	Common Anode,Rt.Hand Decimal

XDMR10A



◆MR

