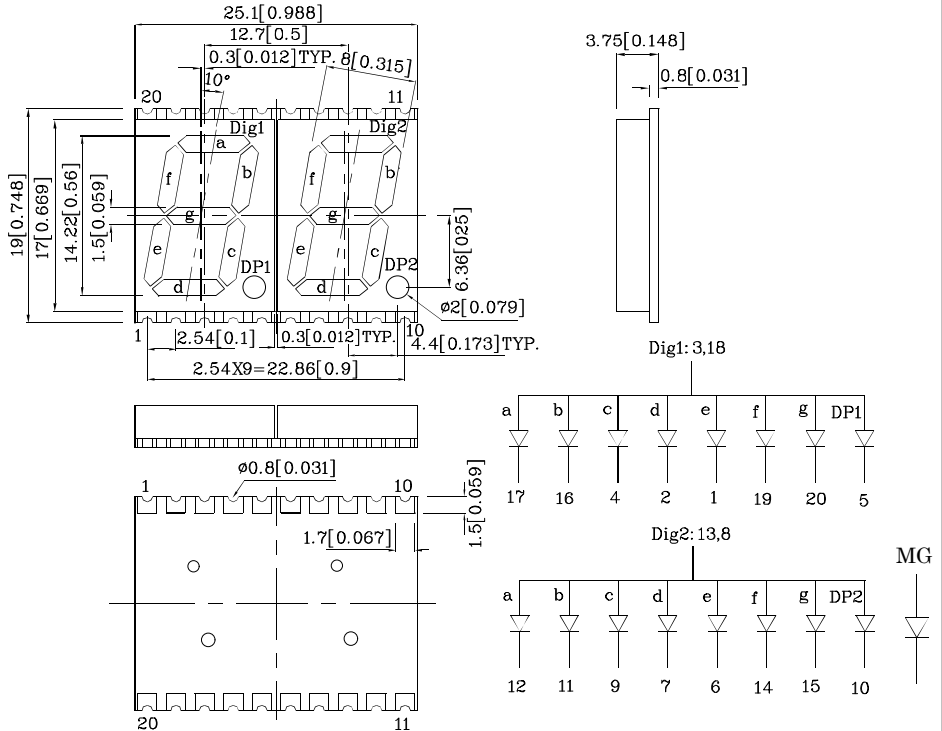


Features

- 0.56 inch digit height
- Robust package
- Low power consumption
- Standard configuration: Gray face w/ white Segments
- Package: 200pcs/Reel
- Moisture sensitivity level: level 2a
- RoHS Compliant



Package Schematics



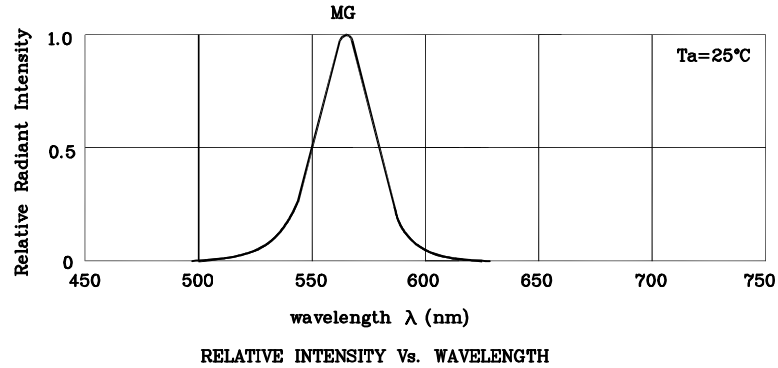
Notes:

1. All dimensions are in millimeters (inches), Tolerance is ± 0.25 (0.01") unless otherwise noted.
2. Specifications are subject to change without notice.
3. The gap between the reflector and PCB shall not exceed 0.25mm.

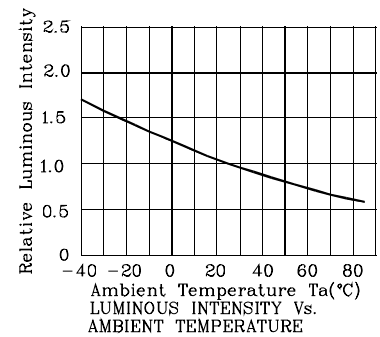
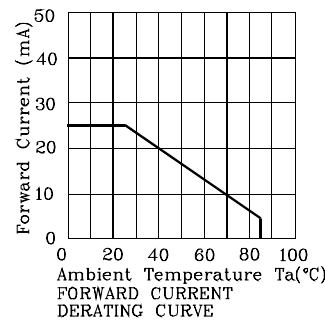
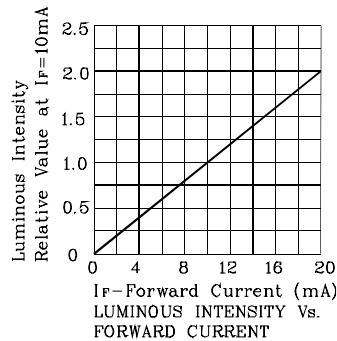
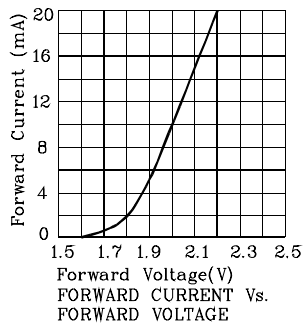
Absolute Maximum Ratings (T _A =25°C)		MG (GaP)	Unit
Reverse Voltage	V _R	5	V
Forward Current	I _F	25	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	i _{FS}	140	mA
Power Dissipation	P _D	62.5	mW
Operating Temperature	T _A	-40 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +85	

Operating Characteristics (T _A =25°C)		MG (GaP)	Unit
Forward Voltage (Typ.) (I _F =10mA)	V _F	2	V
Forward Voltage (Max.) (I _F =10mA)	V _F	2.5	V
Reverse Current (Max.) (V _R =5V)	I _R	10	uA
Wavelength of Peak Emission (Typ.) (I _F =10mA)	λ _P	565	nm
Wavelength of Dominant Emission (Typ.) (I _F =10mA)	λ _D	568	nm
Spectral Line Full Width At Half-Maximum (Typ.) (I _F =10mA)	Δλ	30	nm
Capacitance (Typ.) (V _F =0V, f=1MHz)	C	15	pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity (I _F =10mA) ucd	Wavelength nm λ _P	Description
			min.	typ.	
XZFMG14A2	Green	GaP	3600	5990	565 Common Anode, Rt.Hand Decimal.

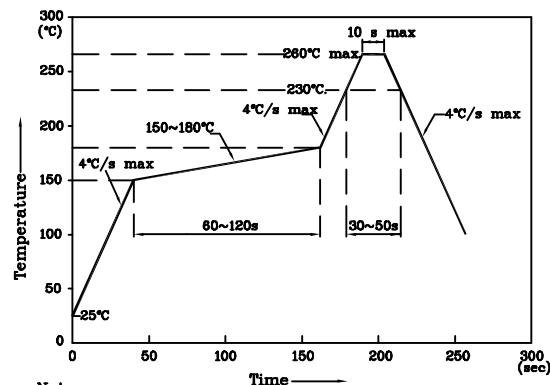


❖ **MG**



LED is recommended for reflow soldering and soldering profile is shown below.

Reflow Soldering Profile for SMD Products (Pb-Free Components)



Notes:

1. Maximum soldering temperature should not exceed 260°C
2. Recommended reflow temperature: 145°C~260°C
3. Do not put stress to the epoxy resin during high temperatures conditions

Technical drawing of a rectangular plate with the following dimensions and features:

- Overall width: $44^{+0.3}_{-0.1}$
- Overall height: 32 ± 0.1
- Top edge features:
 - Left corner radius: $R1.75 \pm 0.1$
 - Top edge thickness: 20.2 ± 0.1
 - Top edge hole spacing: 4 ± 0.1
 - Top edge hole diameter: $\phi 1.5^{+0.1}_{-0}$
 - Top edge hole position: 2 ± 0.1
 - Top edge hole diameter: 0.35 ± 0.1
- Internal features:
 - Two rectangular cutouts, each containing four trapezoidal slots.
 - Two circular holes, one in each cutout.

[illegible]

P. 3/4

PACKING & LABEL SPECIFICATIONS

