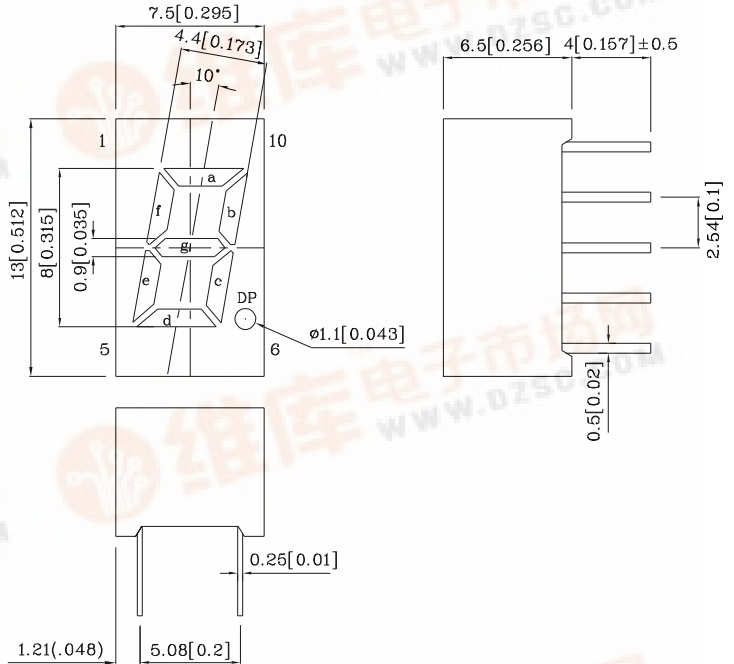
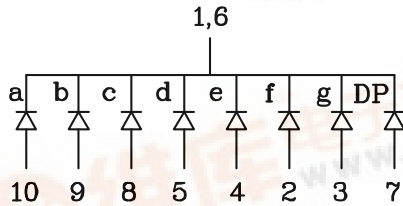


Part Number: **DMR06C**

8mm (0.32") SINGLE DIGIT NUMERIC DISPLAY

Features

- 0.32 INCH DIGIT HEIGHT.
- LOW CURRENT OPERATION.
- EXCELLENT CHARACTER APPEARANCE.
- HIGH LIGHT OUTPUT.
- EASY MOUNTING ON P.C. BOARDS OR SOCKETS.
- I.C. COMPATIBLE.
- MECHANICALLY RUGGED.
- STANDARD : GRAY FACE, WHITE SEGMENT.
- RoHS COMPLIANT.



Notes:

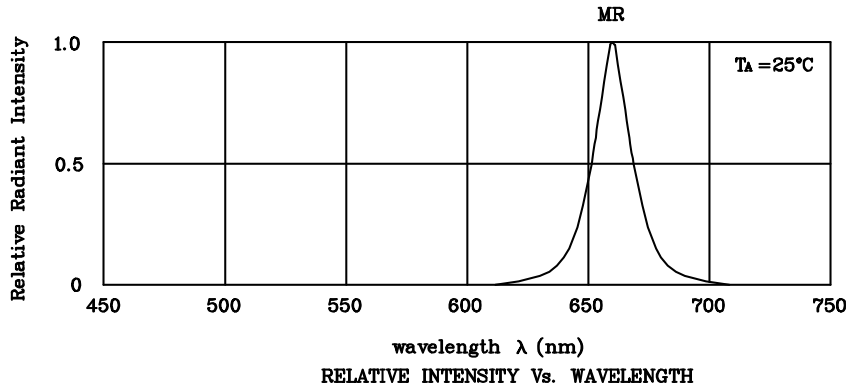
1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
3. Specifications are subject to change without notice.

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	75	mW
Operating temperature	TA	-40 ~ +85	°C
Storage temperature	Tstg	-40 ~ +85	
Lead solder temperature [2mm below package base]	260°C For 3-5 Seconds		

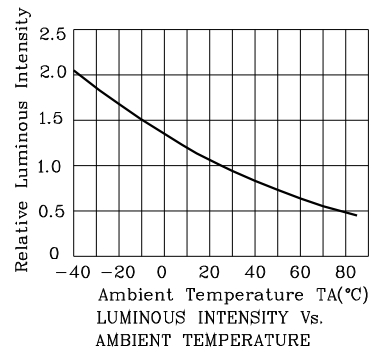
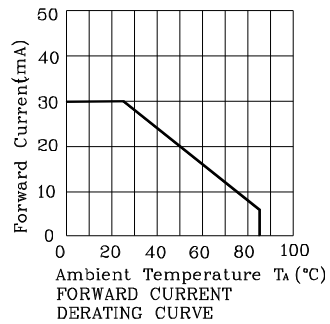
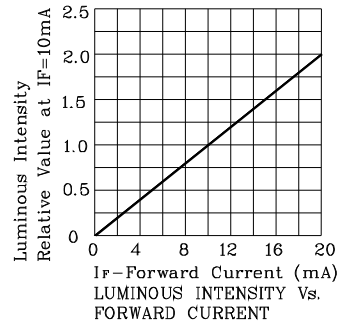
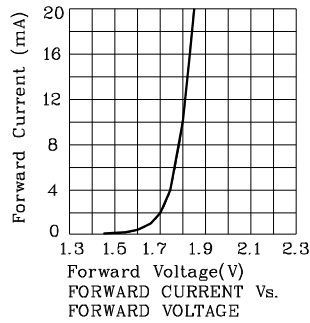
Operating Characteristics (TA=25°C)	MR (GaAlAs)	Unit
Forward Voltage (Typ.) (IF=10mA)	VF	1.8 V
Forward Voltage (Max.) (IF=10mA)	VF	2.5 V
Reverse Current (Max.) (VR=5V)	IR	10 uA
Wavelength of Peak Emission (Typ.) (IF=10mA)	λP	660 nm
Wavelength of Dominant Emission (Typ.) (IF=10mA)	λD	640 nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=10mA)	$\Delta\lambda$	20 nm
Capacitance (Typ.) (VF=0V, f=1MHz)	C	45 pF

Part Number	Emitting Color	Emitting Material	Luminous Intensity (IF=10mA) ucd	Wavelength nm λP	Description
DMR06C	Red	GaAlAs	min. 8000 typ. 23990	660	Common Cathode, Rt.Hand Decimal

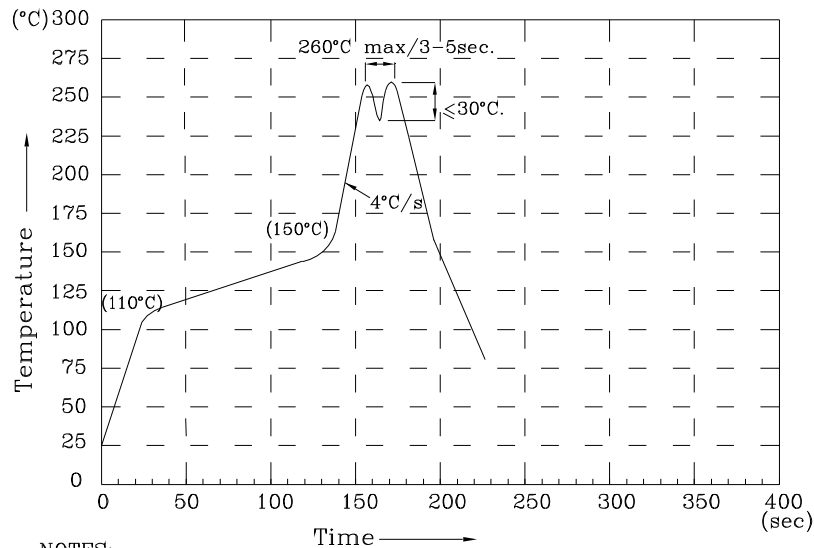




❖ **MR**



Wave Soldering Profile For Lead-free Through-hole LED.



NOTES:

1. Recommend the wave temperature 245°C~260°C. The maximum soldering temperature should be less than 260°C.
2. Do not apply stress on epoxy resins when temperature is over 85 degree°C.
3. The soldering profile apply to the lead free soldering (Sn/Cu/Ag alloy).
4. No more than once.

Remarks:

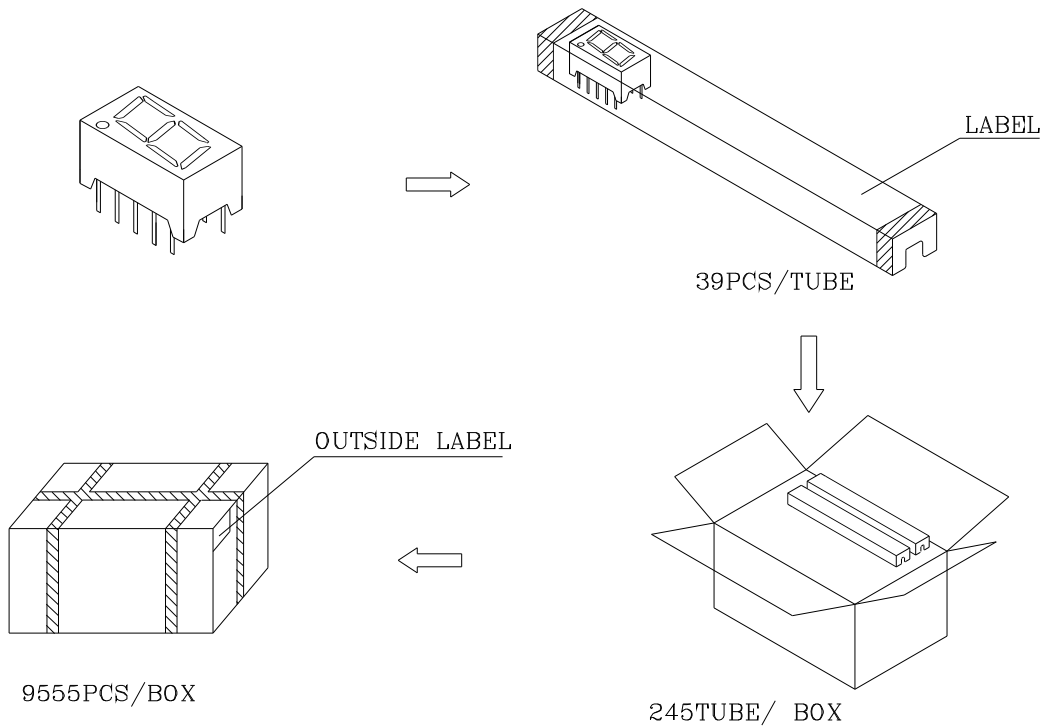
If special sorting is required (e.g. binning based on forward voltage, Luminous intensity / luminous flux, or wavelength), the typical accuracy of the sorting process is as follows:

1. Wavelength: +/-1nm
2. Luminous Intensity / Luminous Flux: +/-15%
3. Forward Voltage: +/-0.1V

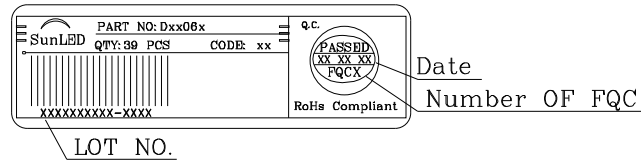
Note: Accuracy may depend on the sorting parameters.

PACKING & LABEL SPECIFICATIONS

DMR06C



Inside LABEL Paste On The IC-tube



Outside LABEL Paste On The Box

