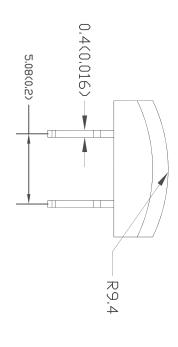
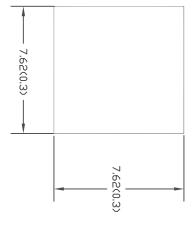


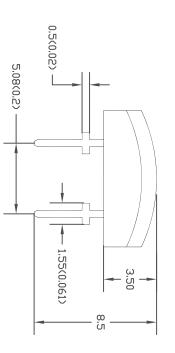
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### Package Dimension:







Part No
Chip Material
Lens Color
Source Color

#### Notes

- 1. All dimensions are in millimeters (inches).
  2. Tolerance is ±0.25mm (.010") unless otherwise noted.
  3. Protruded resin under flange is 1.0mm (.04") max.
  4. Lead spacing is measured where the leads emerge from the package.
  5. Specifications are subject to change without notice.
  6. This data-sheet only valid for six months.



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	PURPOSES ONLY.	- בי זרי ריירי	TOR BEFFERINCE	SPECIFIED,	UNLESS OTHERWISE	TOLERANCES:
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SCALE: NTS			A MC2	SIZE DWG, NO.		DRAWING TITLE:
U.D.M.: INCHES [mm]			MC24173	E	LED - Multi	
SHEET: 1 DF			02P5897	LECTRONIC FILE	Multicolor	
1			×	REV		



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(Ta=25°C)

260°C for 5 Seconds	260°C for	Lead Soldering Temperature [4mm<.157') From Body]
5 +100°C	-40°C to +100°C	Storage Temperature Range
5 +80°C	-25°C to +80°C	Operating Temperature Range
<	IJ	Reverse Voltage
mA/°C	0.4	Derating Linear From 50°C
mΑ	50	Continuous Forward Current
ВA	100	Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)
mW	120	Power Dissipation
Unit	Max.	Parameter

## **Electro-optical Characteristics**

(Ta=25°C)

V <sub>R</sub> =5∨	5	100	-	1	İR	Reverse Current
I¢=50mA	<	2,6	2.2	-	<b>&lt;</b>	Forward Voltage
I=50mA	3	25	20	15	<b>.</b> C7	Spectral Line Half-Width
If=50mA (Note 1)	3	635	625	-	λd	Dominant Wavelength
I=50mA	3	632 640	632		λp	Peak Emission Wavelength
(Note 2)	Deg	-	140	-	2012	Viewing Angle
I=30mA (Note 1)	mcd	1000	800	400	Ιv	Luminous Intensity
Test Condition	Unit	Max.	Тур.	M n	Symbol Min. Typ. Max. Unit	Parameter

### Notes:

- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- $2.~\theta$  is the off-axis angle at which the luminous intensity is half the axial luminous intensity
- 3. The dominant wavelength ( $\lambda d$ ) is derived from the CIE Chromaticity diagram and represents the single wavelength which defines the color of the device.



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	FOR THE INTENDED USE AND ASSUME ALL RISK AND
	USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT
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	CHECKED BY:	DATE:	SIZE	SIZE DWG, NO.		ELECTRONIC FILE	REV
AR TH	XXXX	23-09-08	<u> </u>	_	MC24173	02P5897	×
<u> </u>	APPROVED BY:	DATE:	-				
	XXXX	23-09-08	3 SCALE:	NTS	U.D.M.: INCHES [mm]	SHEET: 1 OF 1	

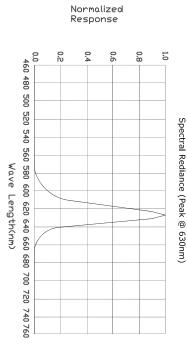


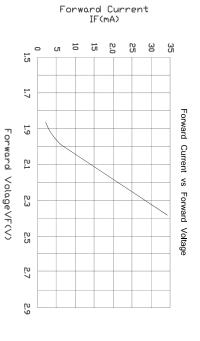
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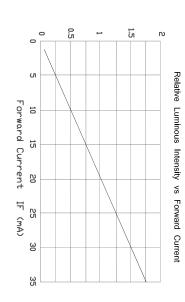
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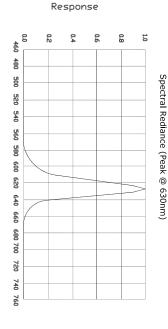
# Typical Electrical/Optical Characterstics Curves (25' Amblent Temperature Unless Otherwise Noted)







Relative Intensity (LOP@20mA=1)



Normalized

Wave Length(nm)



		PURPOSES ONLY.	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE				
	XXXX	APPROVED BY:		XXXX	CHECKED BY:	XXXX	DRAWN BY:
	25-09-08	DAIE:	7	25-09-08	DATE:	25-09-08	DATE:
	25-09-08 SCALE: NTS			A MC:	SIZE DWG. NO.		DRAWING TITLE:
	U.O.M.: INCHES [mm]			MC24173	E	Multi Colo	
	SHEET: 1 OI			02P5897	LECTRONIC FILE	LED	
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