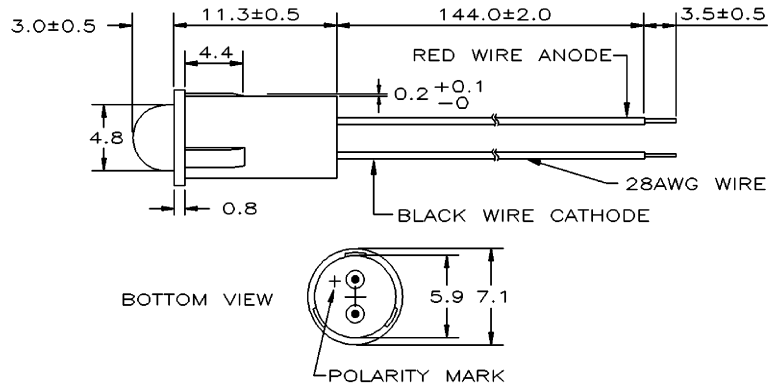


## MT1064S15-UR

### Features

- Low current requirements
- High light output
- Reliable and rugged
- IC Compatible
- Wire lead



- Notes :
1. All dimensions are in millimeters .
  2. Tolerance is  $\pm 0.25$ mm unless otherwise noted.

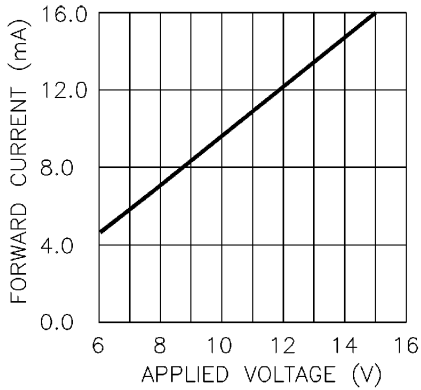
### Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.	Unit
Forward Current	I <sub>F</sub>	16	mA
Reverse Voltage	V <sub>R</sub>	17	V
Power Dissipation	P <sub>D</sub>	240.00	mW
Operating Temperature	T <sub>opr</sub>	-25 ~ +65	°C
Storage Temperature	T <sub>stg</sub>	-25 ~ +65	°C
Soldering Temperature	T <sub>sol</sub>	260	°C
Soldering Time	-	for 5 sec. max	-

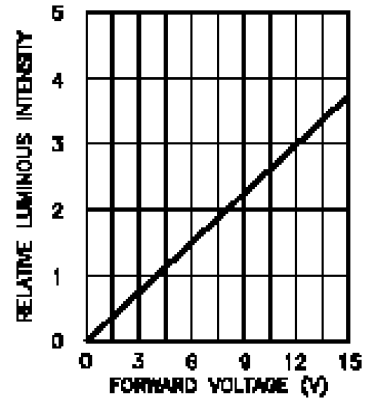
### Opto-Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V <sub>F</sub>		-	12.00	15.00	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =17V	-	-	100	μA
Luminous Intensity	I <sub>v</sub>	V <sub>F</sub> =12V	2.00	3.00	-	mcd
Viewing Angle	2θ <sup>1/2</sup>	-	-	40°	-	deg.
Peak Wavelength	λ <sub>p</sub>	V <sub>F</sub> =12V	-	700	-	nm
Spectral Line Half Width	Δλ	V <sub>F</sub> =12V	-	100	-	nm

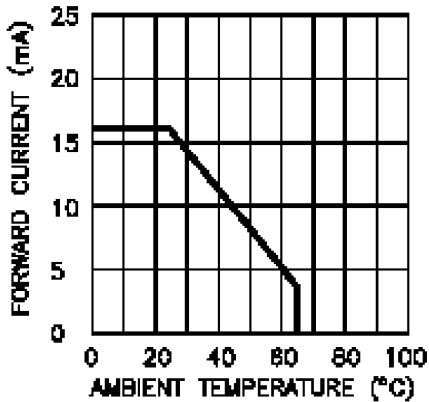
**Typical Electrical / Optical Characteristics Curves :**



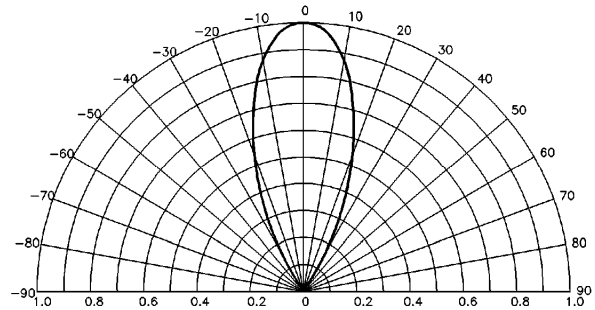
**Forward Current vs. Forward Voltage**



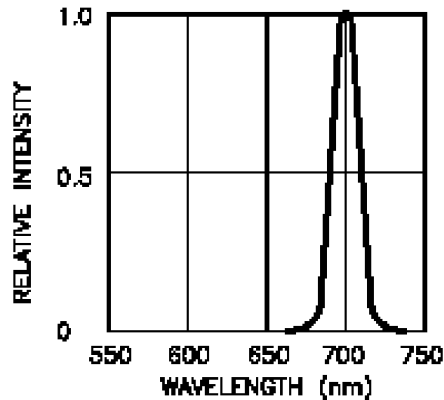
**Forward Current vs. Relative Luminous Intensity**



**Ambient Temperature vs. Forward Current**



**Radiation Diagram**



**Relative Intensity vs. Wavelength**