

# ROITHNER LASERTECHNIK GIRDH





# **TOLATR002**

### **Reflector LED**

#### 1. SPECIFICATIONS

1— 1. Absolute Maximum Ratings

(Ta=25°C)

ltem	Symbol	Symbol Absolute Maximum Rating		
Forward Current	lf 50		mA	
Reverse Voltage	VR	5	V	
Power Dissipation	Po	150	mW	
Operating Temperature	Topr	-30~+85	°C	
Storage Temperature	Tstg	-30~+90	°C	

IFP Conditions ; Pulse Width  $\leq 100 \, \mu \, \mathrm{sec.}$  , Duty  $\leq 1/100$ 

1— 2. Electrical / Optical Characteristics

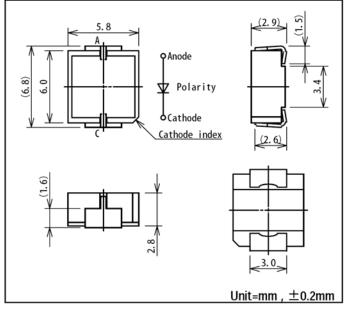
(Ta=25°C)

Item	Symbol	Condition	Min.	Тур.	Max.	Unit
Forward Voltage	VF	IF=20mA	-	2.2	2.6	٧
Reverse Current	<b>I</b> R	V <sub>R</sub> =5V	1	-	10	μΑ
Dominant Wavelength	$\lambda$ d	IF=20mA	615	625	635	nm
Spectrum Half Width	$\triangle \lambda$	IF=20mA	1	20	-	nm
Luminous Intensity	lv	IF=20mA	1	25	-	cd
Viewing Angle	1/2 <i>θ</i>	IF=20mA	1	±8	-	٥



指向特性/Directivity 条件/Condition: Ta=25℃、 1.0 0.9 钼对光度 / Relative Luminosity 8.0 0.7 0.5 0.3 0.2 0.0 -30 -20 -10 0 10 放射角度(度) / Radiation Angle(deg)

### 3. Outline Dimensions





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WIEDNER HAUPTSTRASSE 76





### Typical Performance Curves

