

# HuaYuGuang Electron

<b>Model. No.</b>	HT-5MM-R
<b>Rev.</b>	A

## ■ Absolute maximum ratings(Ta=25 ° c)

Parameter	MAX.	Unit
Power Dissipation	75	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.4	mA/°C
Reverse Voltage	5	V
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-40°C to +100°C	

## ■ Electrical and optical characteristics(Ta=25 ° c)

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$I_v$	-	5500	-	mcd	$I_F=20mA$
Viewing Angle	$2\theta_{1/2}$	23	28	33	Deg	
Peak Emission Wavelength	$\lambda_p$	-	630	-	nm	
Dominant Wavelength	$\lambda_d$	620	625	630	nm	
Spectral Line Half-Width	$\Delta\lambda$	-	15	-	nm	
Forward Voltage	$V_F$	1.8	2.0	2.2	V	
Reverse Current	$I_R$			10	$\mu A$	$V_R=5V$