



TOYO LED ELECTRONICS LIMITED

Room 1610, Hong Kong Plaza, 188 Connaught Road West, Hong Kong.

Tel : (852) 2540 7288
http://www.toyo-led.com

Fax : (852) 2517 1797
E-mail : sales@toyo-led.com



P/N: TY-HP1UR-S

High Power LEDs Series

SPECIFICATION FOR CUSTOMER APPROVAL

P/N: TY-HP1UR-S

DATE : September 23, 2016

PREPARED BY : Chen Kai

CONFIRMED BY :

PLEASE CONFIRM & SIGN BACK THIS SHEET TO US

CUSTOMER: _____

(COMPANY CHOP)

APPROVAL BY: _____

(SIGNATURE)



TOYO LED ELECTRONICS LIMITED

Room 1610, Hong Kong Plaza, 188 Connaught Road West, Hong Kong.
Tel : (852) 2540 7288 Fax : (852) 2517 1797
http://www.toyo-led.com E-mail : sales@toyo-led.com



P/N: TY-HP1UR-S

High Power LEDs Series

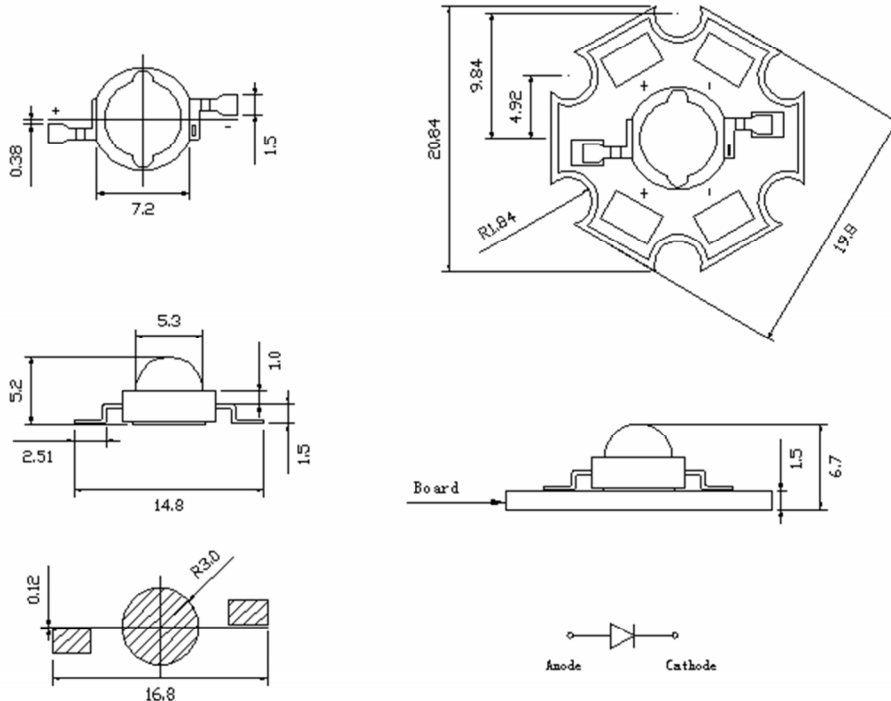
✧ Features:

- 1 W High Power LED
- Emitted color: Ultra Bright Red
- Silica package
- Long operating life

✧ Application

- General lighting
- Architectural Lighting
- Decoration lighting
- Advertisement

✧ Package Dimensions



NOTES:

1. All dimensions are in millimeter[unit];
2. Tolerance is ± 0.2 mm especially other specified;
3. Specifications are subject to change without notice.



TOYO LED ELECTRONICS LIMITED

Room 1610, Hong Kong Plaza, 188 Connaught Road West, Hong Kong.
 Tel : (852) 2540 7288 Fax : (852) 2517 1797
 http://www.toyo-led.com E-mail : sales@toyo-led.com



P/N: TY-HP1UR-S

High Power LEDs Series

Part No.	Emitted Color	Lens Color
TY-HP1UR-S	Red	Water Clear

✧ Absolute Maximum Ratings(Ta=25°C)

Item	Symbol	Maximum	Unit
Power Dissipation	PD	1	W
Forward Current	I _{Fmax}	350	mA
Peak Forward Current(1/10 Duty Cycle 0.1ms Pulse Width)	I _{FP}	700	mA
Reverse Voltage	V _R	5	V
Operating Temperature Range	T _{opr}	-30 to+110	°C
Storage Temperature Range	T _{stg}	-40 to+120	°C
Lead Solder Temperature	T _{sol}	260°C	

✧ Electrical/Optical Characteristics(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Forward Voltage	V _F	I _F =350mA	2.0	2.3	2.6	V
Luminous Flux	Φ	I _F =350mA	50	--	60	lm
Dominant Wavelength	λ _d	I _F =350mA	620	625	630	nm
Viewing Angle	2θ 1/2	I _F =350mA	---	140	---	Deg