

XH**XH-IRP10003C4** $\Phi 10.0 \times 13.65\text{mm}$

INFRARED LEDS

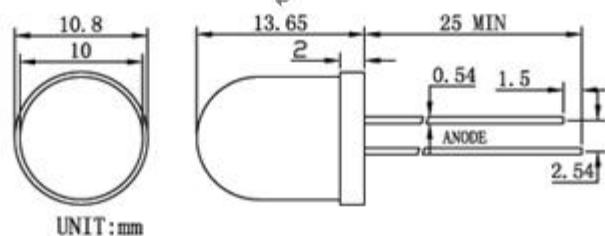
Absolute Maximum Ratings at Ta=25°C

Reverse Voltage	5V
Forward Current	60mA
Peak Forward Current	200mA
Operating Temperature	-40~+85°C
Storage Temperature	-40~+85°C
Lead Soldering Temp (1.6mm From Body)	260°C For 5Sec.

Electrical / Optical Characteristics at Ta=25°C

TYPE NO.	Infrared Apert. 50mA(m)		Forward Voltage IF=20mA(V)			Reverse Current VR=5V(μA)		Viewing Angle
	Min.	TYP.	Min.	TYP.	Max.	TYP.	Max.	2θ(1/2 DEG)
XH-IRP10003C4	40	60	1.3	1.4	1.42	<1	10	30

TYPE NO.	Chip		Lens Color	Peak Wave. Length λP(nm)	Spectra. Half-Width Δλ(nm)
	Material	Emitting Color			
XH-IRP8013C2	GaAsP/CaP	Infrared	Water Clear	850	30



Approved By:	张平	Description:	红外发射管	兴辉光电有限公司 XINHUI PHOTOELECTRONIC CO., LTD.
Designed By:	肖主华	Date:	2009-04-28	

XH

XH-IRP10003C4

Φ10.0 x13.65mm

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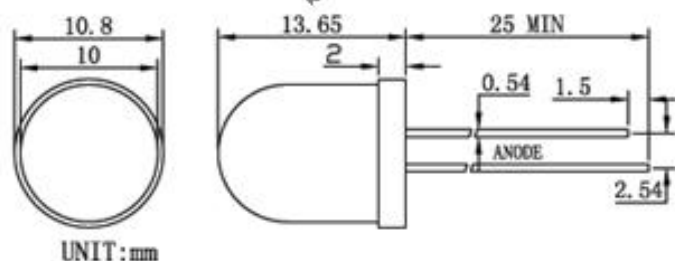
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Electrical / Optical Characteristics at Ta=25℃

TYPE NO.	Infrared Apert. 50mA(m)		Forward Voltage + IF=20mA(V)			Reverse Current + VR=5V(μA)		Viewing Angle
	Min.	TYP.	Min.	TYP.	Max.	TYP.	Max.	2θ(1/2 DEG)
XH-IRP10003C4	40	60	1.3	1.4	1.42	<1	10	30

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UNIT:mm

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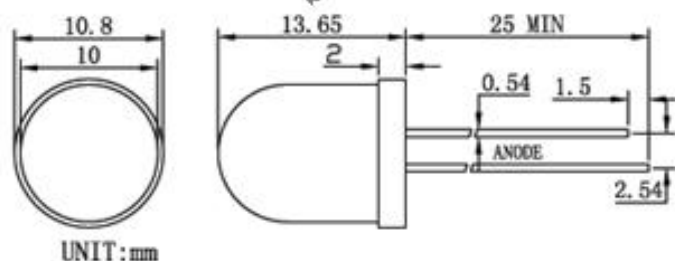
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