

# IN F R A R E D P R O D U C T S

( Optic Receiver Modules )

REV:C  
DATE:2006/3/21

☐ **DEVICE NO:IR1261**

☐ **FEATURE:**

- Metal case in small dimension.
- Shielded against electrical field disturbance.
- All photosensitive ICs in this series have a standard availability.

☐ **APPLICATION:**

Infrared remote control(Video cameras , TV , Audio equipment , Air conditioner.)

☐ **ABSOLUTE MAXIMUM RATINGS:**

TA=25°C

PARAMETER	SYMBOL	MAX. RATING	UNIT
Power Dissipation	Pd	50	mW
Supply Voltage	Vcc	5.5	V
LED Junction Temperature	Tj	85	°C
Operating Temperature	Topr	-25 ~ +85	°C
Storage Temperature	Tstg	-25 ~ +85	°C
Soldering Temperature 255°C (3mm from case bottom for 5 seconds)			

☐ **ELECTRIC-OPTICAL CHARACTERISTICS:**

TA=25°C

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Supply Voltage	Vcc		2.4		5.5	V
Current Consumption	Icc	no signal input			2.5	mA
Detection Length	L	when burst wave in following illustration is transmitted via standard transmitter.		16		M
High Level Voltage	Vh		2.4			V
Low Level Voltage	VI		-	0.1	0.5	V
On-Pulse Width	Ton		400	600	800	uS
Off-Pulse Width	Toff		400	600	800	uS
Sensitivity Peak Wavelength	$\lambda$			940		nm
Tuning Frequency				38		kHz
Directivity	$\theta_{1/2}$	Angle of half transmission		45		deg
Out Put form	Active Low Output					

**HUEY JANN ELECTRONICS INDUSTRY CO., LTD.**

# OPTIC RECEIVER MODULES

PACKAGE DIMENSIONS:

