

# 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:**

T<sub>A</sub>=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:**

T<sub>A</sub>=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	λ			940		nm
Tuning Frequency				38		KHz
Directivity	θ1/2	Angle of half transmission		45		deg
Out Put form	Active Low Output					

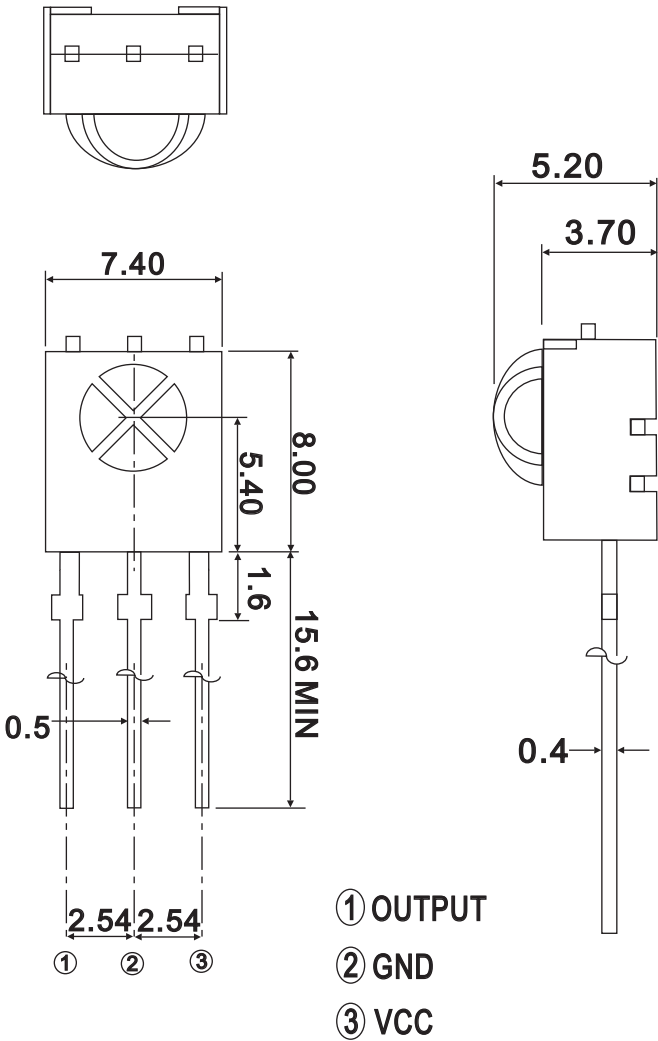
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# OPTIC RECEIVER MODULES

## PACKAGE DIMENSIONS:

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#### NOTE:

- 1.All dimensions are in millimeter(inch)
- 2.Lead spacing is measured where the lead emerge from the package.
- 3.Protruded resin under flange is 1.5mm(.059) max.
- 4.Specifications are subject to change without notice.
- 5.Tolerance is 0.3mm unless otherwise noted.

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DEVICE NO: IR1261

DWG NO:IR1261

REV: C

DATE:2006/3/21

DWN: C.Y.Lin

CHK: Dundee

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