

# KOM-1020

### Features

- Designed for CD-R and CD-RW Applications
- Frequency Characteristics : TYP. 70MHz
- Gain Control can be Changed by External Resistor (100Ω ~500Ω )
- Clear Mold Package of 6 pin available Function

### Applications

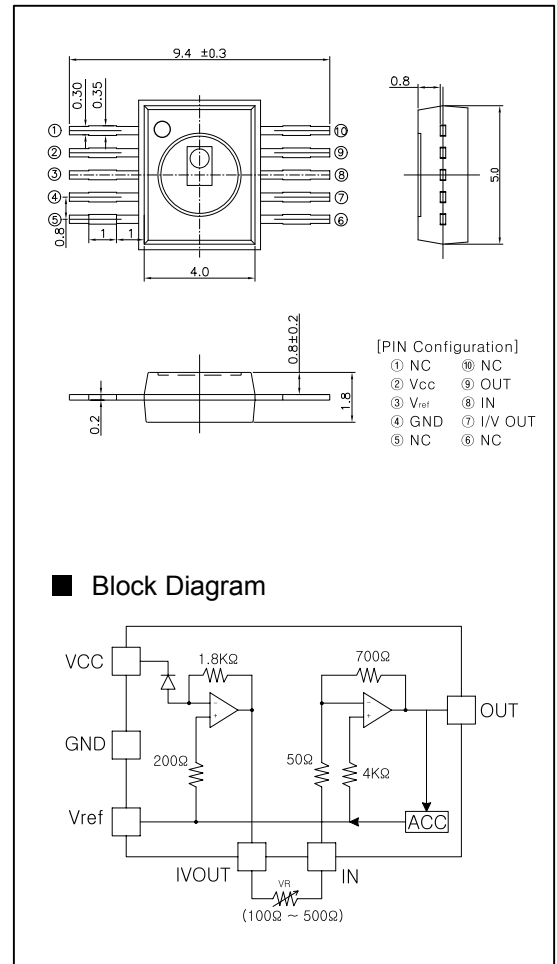
- CD-R / CD-RW Optical Pick-up
- DVD / CD-R / CD-RW Combo Pick-up

### Absolute Maximum Ratings

Description	Symbol	Ratings	Unit
Power Supply Voltage	V <sub>cc</sub>	7.0	
Power Dissipation	P <sub>D</sub>	240	
Storage Temperature	T <sub>stg</sub>	- 40 ~ + 85	

### DIMENSIONS

(Unit :mm )



### Electro-Optical Characteristics

[Ta = 25°C ]

Parameter	Symbol	Characteristics	Condition
Supply Voltage	V <sub>cc</sub>	4.5 ~ 5.5V	-
Output Offset Voltage	V <sub>OS</sub>	±8mV	-
Cutoff Frequency	f <sub>c</sub>	TYP 70 MHz	-3dB Point for 1MHz Modulated Signal
Response Characteristics	Tr, Tf	TYP 5.0 ns	Time(rise time, fall time) for a 1Vp-p Pulse
Automatic Calibration Power on Set up Time	T <sub>su</sub>	MAX 150 ms	During Power Up
Automatic Calibration Time	T <sub>acc</sub>	MAX 100 us	During Power Up
Operating Temperature Range	T <sub>opr</sub>	-20 ~+70°C	-