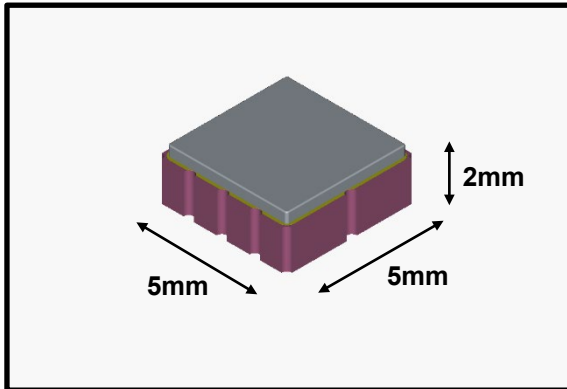


Low-Profile Infrared Sensor (under development)

<< Compact, Thin and Reflowable SMD type >>

Features



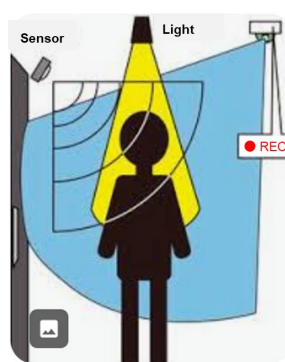
- Excellent S/N ratio and high sensitivity by unique method of current-voltage conversion without using a resistor for tiny current in pyroelectric element
- The circuits of signal amplifier, filter, optimized for human body detection and comparator to judge the detection are all built in.
- Result of human body detection is produced as a digital ON/OFF signal
- Design of printed circuit board is easy, because complicated peripheral circuits are not necessary.

Applications

Human Body Detection

- Automatic lighting ON/OFF
- Energy-saving control of home appliances

SLEEP \Leftrightarrow ON



Built-in function blocks

