

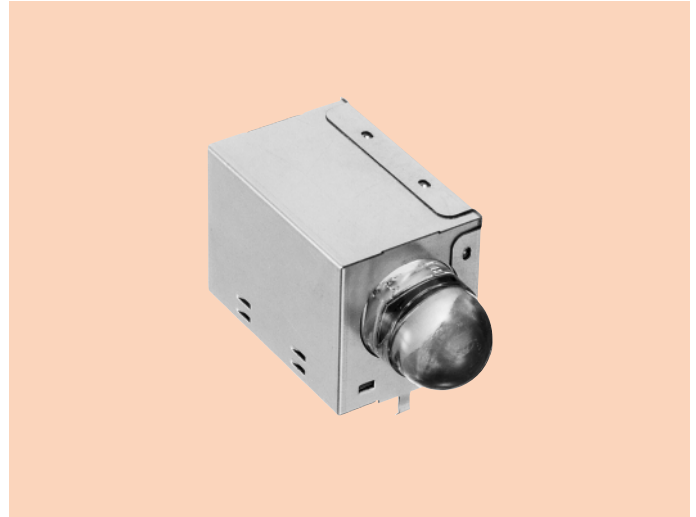
Infrared Receiver Module for Data Transfer

WMI-R02

Telecommunication component

OUTLINE

Using MITSUMI's own technology to the best advantage, higher sensitivity reception than ever before has been made possible. Non-directional remote control using reflection from room walls and ceiling is achieved with the same emission power (400mA peak) as a normal remote control.



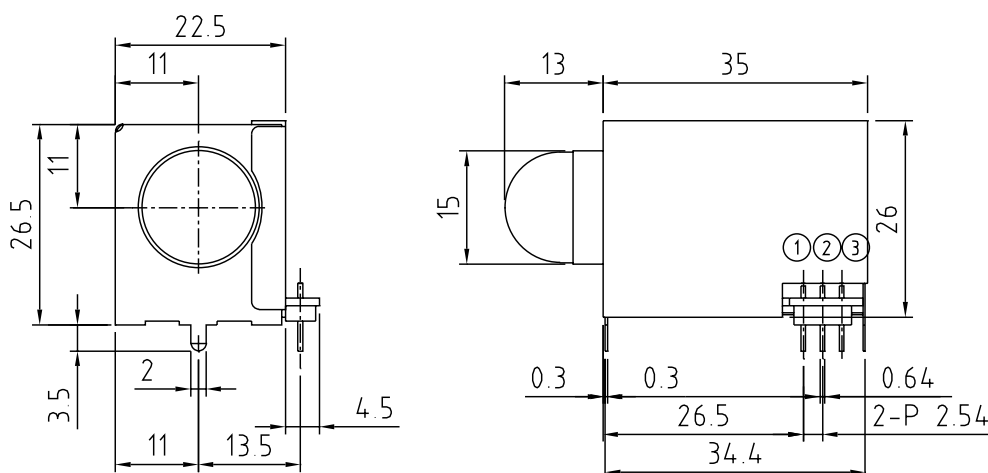
FEATURES

1. The transfer carrier is 450kHz, allowing high-speed transfer (9600bps) and simultaneous operation of two pointing devices, such as keyboard and mouse.
2. Direct line reception of more than 20 meters.
3. MITSUMI's own technology achieves short distance reception of less than 10cm.
4. Data output at TTL level.
5. 5V power supply voltage.

SPECIFICATIONS

Item	Specifications
Carrier Wave Frequency	450kHz
Transfer Rate	9600bps
Reception Distance	20m min. (emission peak current: 400mA)
Direction Angle	Non-directional transfer in a 51.8m ²
Power Voltage	DC + 5V
Current Consumption	35mA typ.

DIMENSIONS



TERMINALS
1. GND
2. +B
3. DATA

Unit : mm