

Data Receiving Module WMF-R01

Telecommunication component

FEATURES

1. Light weight and thin type.
2. 5V supply voltage.
3. Low current consumption 6mA (typ.).
4. Transmission rate 4800 BPS.
5. A set of MITSUMI's transmitting module (AFW-J23 model) is also available.
6. Parts have been reduced to a large extent by using original IC.



SPECIFICATIONS

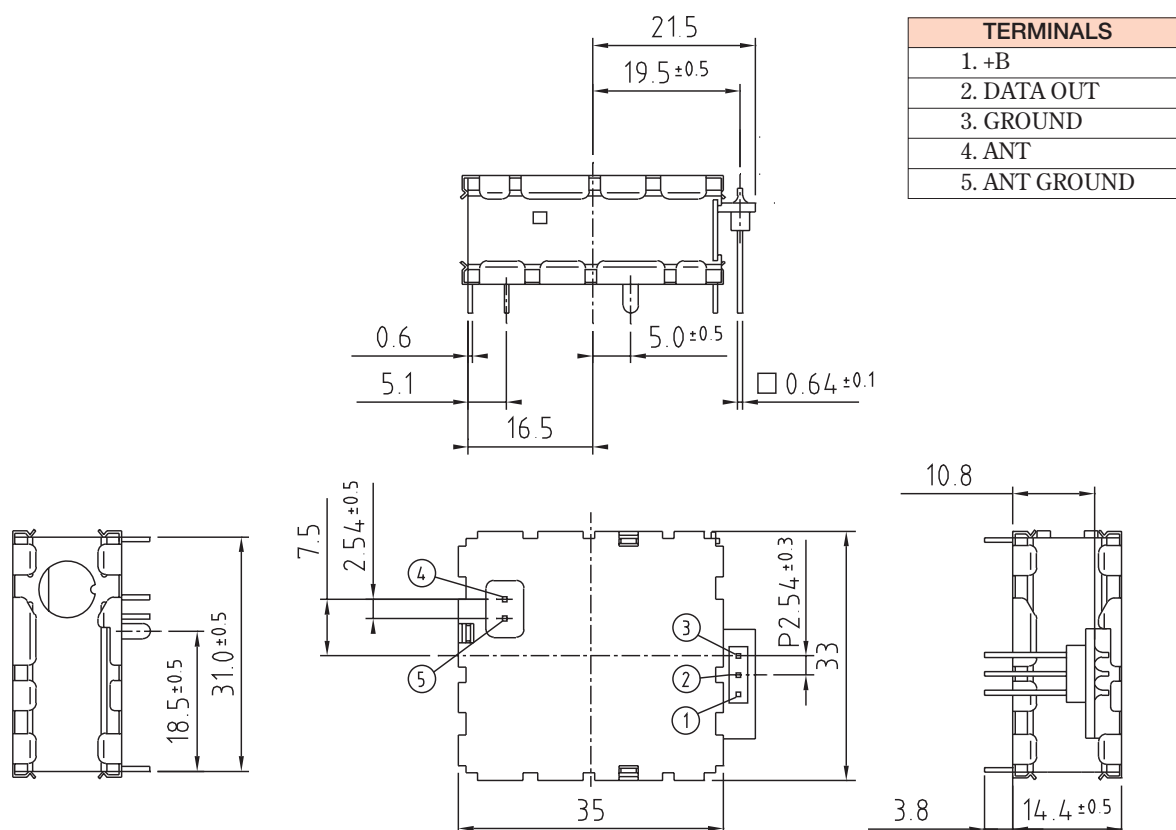
| Item | Specifications | | | | Remarks |
|----------------------------------|----------------|---------|---------|------|--|
| | min. | typ. | max. | unit | |
| Receiving Frequency | 309.690 | 309.700 | 309.710 | MHz | In case of *1t = 500μs |
| Frequency Response | min. | 100 | | Hz | Condition *1 will apply |
| | max. | | 2400 | | |
| Sensitivity | 4 | | dBμ | | |
| Image Rejection | 32 | | dB | | |
| Spurious Response | | 34 | | dB | |
| Freq. Drift vs. Ambient Temp. *A | | | 10 | kHz | |
| Supply Voltage | 4.5 | 5.0 | 5.5 | V | |
| Current Consumption | | 6 | | mA | |
| (Special Item) | | | | | |
| Withstanding Discharge | 10 | | | kV | Plus and minus electric discharges shall be performed ten times respectively after the rubber sheet has been placed on the steel plate and the hot pin has been inserted into the phonojack on the module (capacity : 200pF) |

*A Condition $20 \pm 25^{\circ}\text{C}$

*1 Assuming the receiver is given 30dB μ at a deviation of 40kHz DEV having a S.S.G. deviating signal of t0, the cycle of the receiver shall meet the requirements, $t1 \geq t0 \times 0.8$ and $t2 \leq t0 \times 1.2$.



DIMENSIONS



Unit : mm
General tolerance : ± 1