

# 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

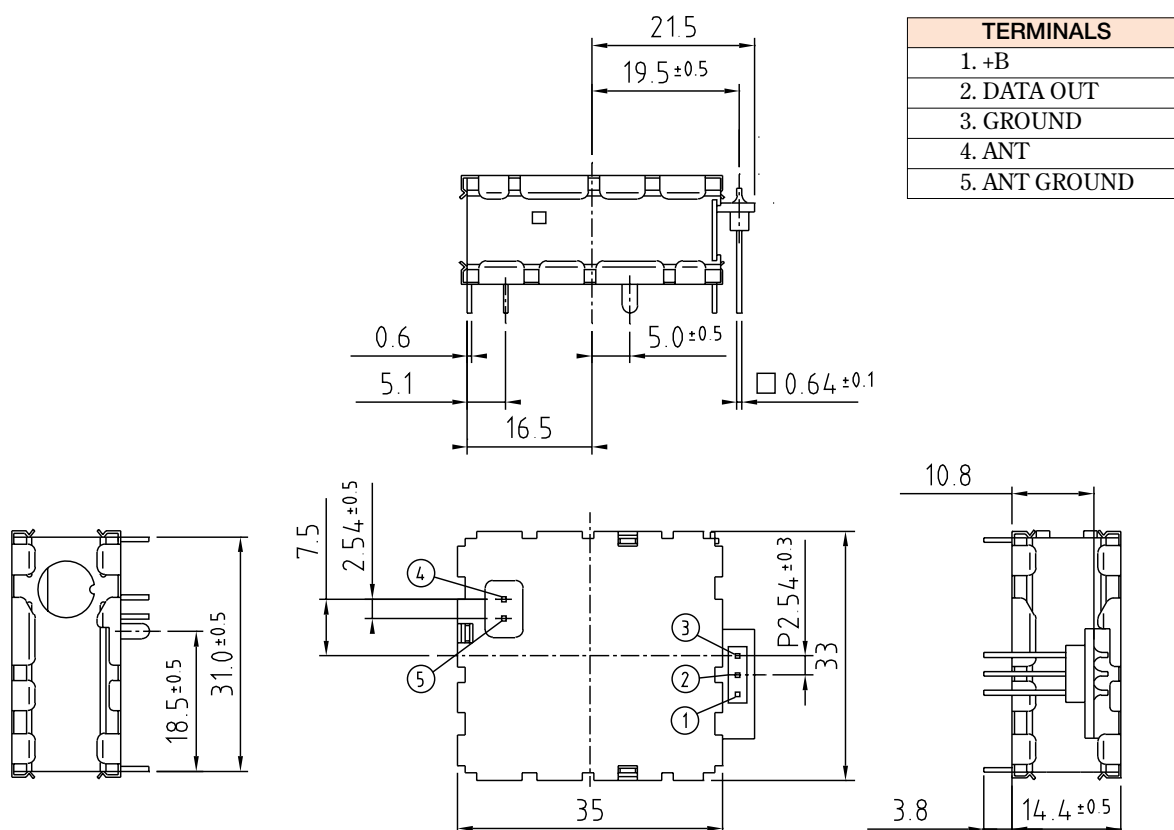
Item	Specifications				Remarks
	min.	typ.	max.	unit	
Receiving Frequency	309.690	309.700	309.710	MHz	In case of *1t = 500μs
Frequency Response	min.	100		Hz	Condition *1 will apply
	max.		2400		
Sensitivity	4		dBμ		
Image Rejection	32		dB		
Spurious Response		34		dB	
Freq. Drift vs. Ambient Temp. *A			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 30dBμ at a deviation of 40kHz DEV having a S.S.G. deviating signal of  $t_0$ , the cycle of the receiver shall meet the requirements,  $t_1 \geq t_0 \times 0.8$  and  $t_2 \leq t_0 \times 1.2$ .



## DIMENSIONS



Unit : mm  
General tolerance :  $\pm 1$