

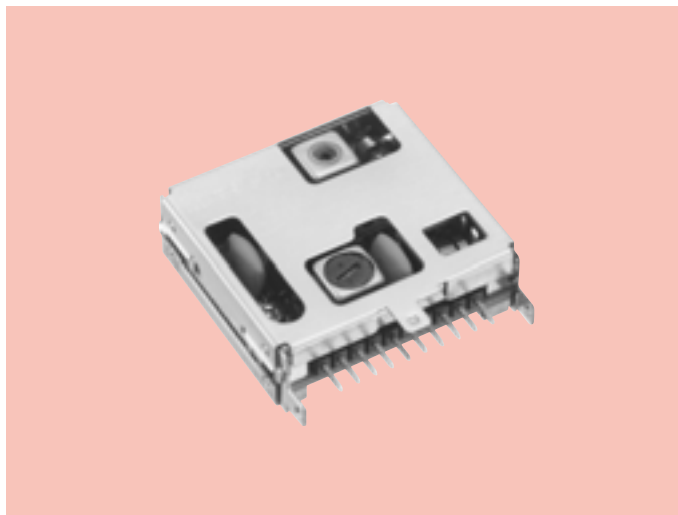
Super Compact, FM Multiple Tuner

FE348-J01/E02

AM/FM Electronic Tuners

FEATURES

1. Ultra-small three gang tuner.
2. Support VICS system (FM multiple broadcasting: J01) and RDS system (E02).
3. FM-DET and PLL circuits are provided.
4. IF (Intermediate Frequency) is 15MHz (VICS) and 21.7MHz (RDS).
 - * 10.7MHz is also selectable.
5. Provide two types of tuner, vertical and horizontal types.

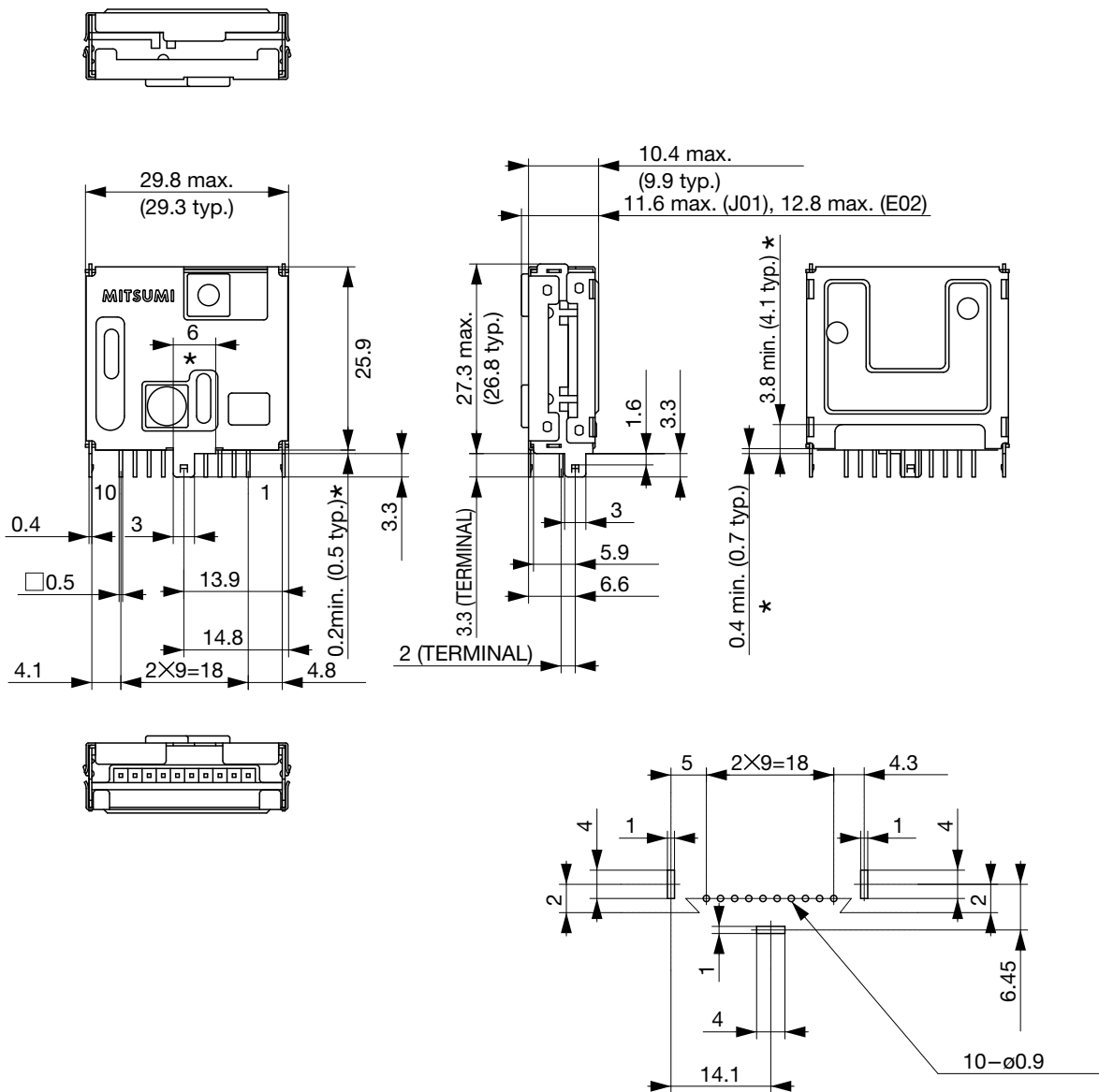


SPECIFICATIONS

Item	FE348-J01	FE348-E02
Supply Voltage	V _{CC} : 8.0V/V _{DD} : 5.0 or 3.0V	V _{CC} : 8.0V/V _{DD} : 5.0 or 3.0V
Current Consumption	60mA typ.	60mA typ.
Tuning Range	76~90MHz	87.5~108MHz
Tuning Voltage	PLL Circuit	PLL Circuit
Input Impedance	75Ω unbalanced	75Ω unbalanced
Center IF	15MHz	21.7MHz (10.7MHz)
S/N 3dB Sensitivity (For modulation frequency 76kHz, 4% modulation factor)	33dBμ max. (26dBμ typ.) * When receiving 83MHz.	30dBμ max. (23dBμ typ.) * When receiving 98MHz.
IF Rejection	80dB min. (90dB typ.)	80dB min. (100dBμ typ.)
DET Output Voltage	540±150mV	470±150mV

*Note Specifications subject to change without notice.

DIMENSIONS



TERMINAL HOLE LAYOUT
(BOTTOM VIEW)
*REFERENCE ONLY

Unit : mm
General Tolerance : ±0.5

EXTERNAL TERMINALS	
1. ANT	6. GND
2. GND	7. SCL
3. DET OUT	8. S-METER
4. GND	9. SDA
5. Vcc	10. SD/DO