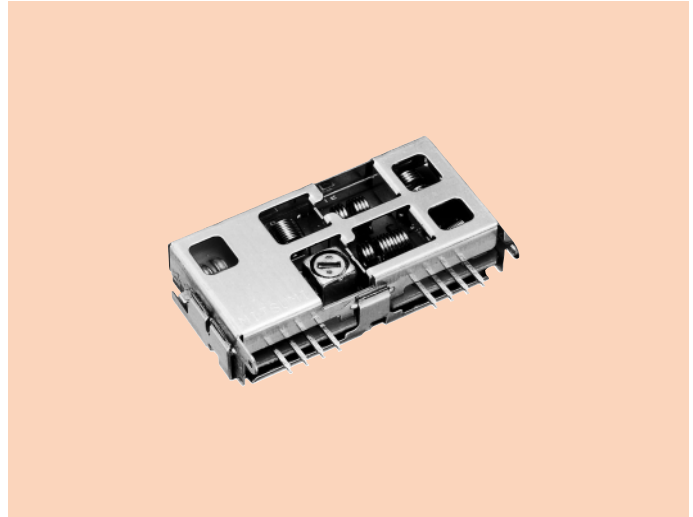


# Super Compact, FM Electronic Tuner for High Grade Class Home Stereo FE450-G01

AM/FM Electronic Tuners

## FEATURES

1. Ultra-small four gang (35% less volume than MITSUMI's regular model) FM electronic tuner.
2. Ideal for high quality (small), home stereo systems.
3. Single gate MOS-FET used in high frequency amplification circuit.
4. Includes buffer circuit for local oscillator.
5. Supports various bands (European, Northern European).



## SPECIFICATIONS

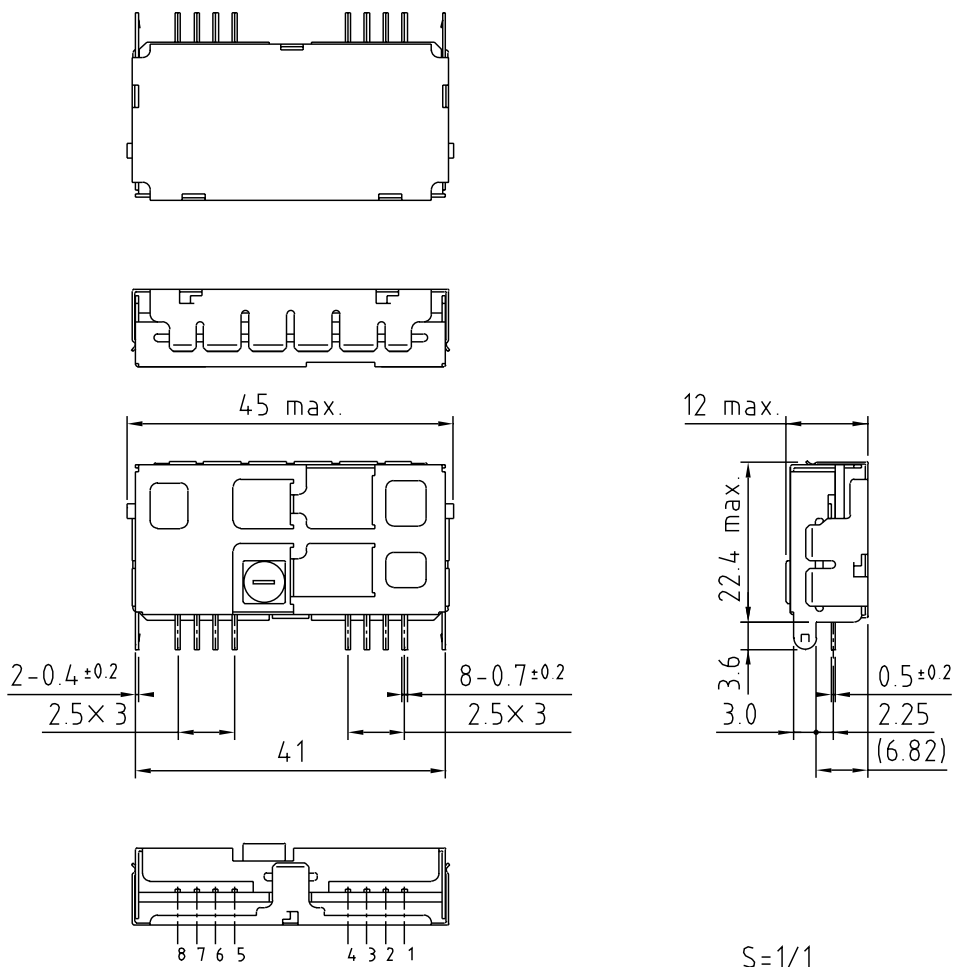
Item	FE450-G01
Supply Voltage	7.0V
Current Consumption	16±8mA
Tuning Range	87.5~108MHz
Tuning Voltage	1.6~7.9V
Input Impedance	75Ω unbalanced
Output Impedance	300Ω unbalanced
Center IF	10.7MHz
IF Output Bandwidth at -3dB	400±150kHz
Power Gain	25±6dB
Gain Variation	7dB max. (4dB typ.)
Noise Figure	12dB max. (8dB typ.)
Image Rejection	75dB min. (83dB typ.)
IF Rejection	80dB min. (90dB typ.)
OSC Output Voltage*1	100mV/rms min. (140mV/rms typ.)
Freq. Drift vs. Ambient Temp.*2	±500kHz max.

\*Note Specifications subject to change without notice.

\*1 Condition 1 : 1kΩload on OSC OUT terminal.

\*2 Condition 2 : +25 ±30°C

**DIMENSIONS**



S=1/1

Unit : mm  
General Tolerance : ±0.5

EXTERNAL TERMINALS
1. ANT
2. GND
3. GND
4. GND
5. Vt
6. +B
7. IF OUT
8. OSC OUT