

Compact, AM/FM Electronic Tuner for Car Stereo

FAEC35-E01

AM/FM Electronic Tuners

FEATURES

1. Equipped with a full custom IC and availability FM/AM/RDS automotive spec.
2. Uses sampling MIX that supports digital technology and a digital demodulation circuit.
3. Built in 4 bandwidth IF switching function.
4. Built in ROM function/RDS Demod.
5. Built in S-Mute, HCC, Noise Blanker (FM, AM) Multipath, Reduction Function
6. Operate with a single 3.3V typ. power supply and I2C BUS Control.
7. Dimension : 35(W)×31.5(D)×9.7(H)mm · P=2mm, 15pin

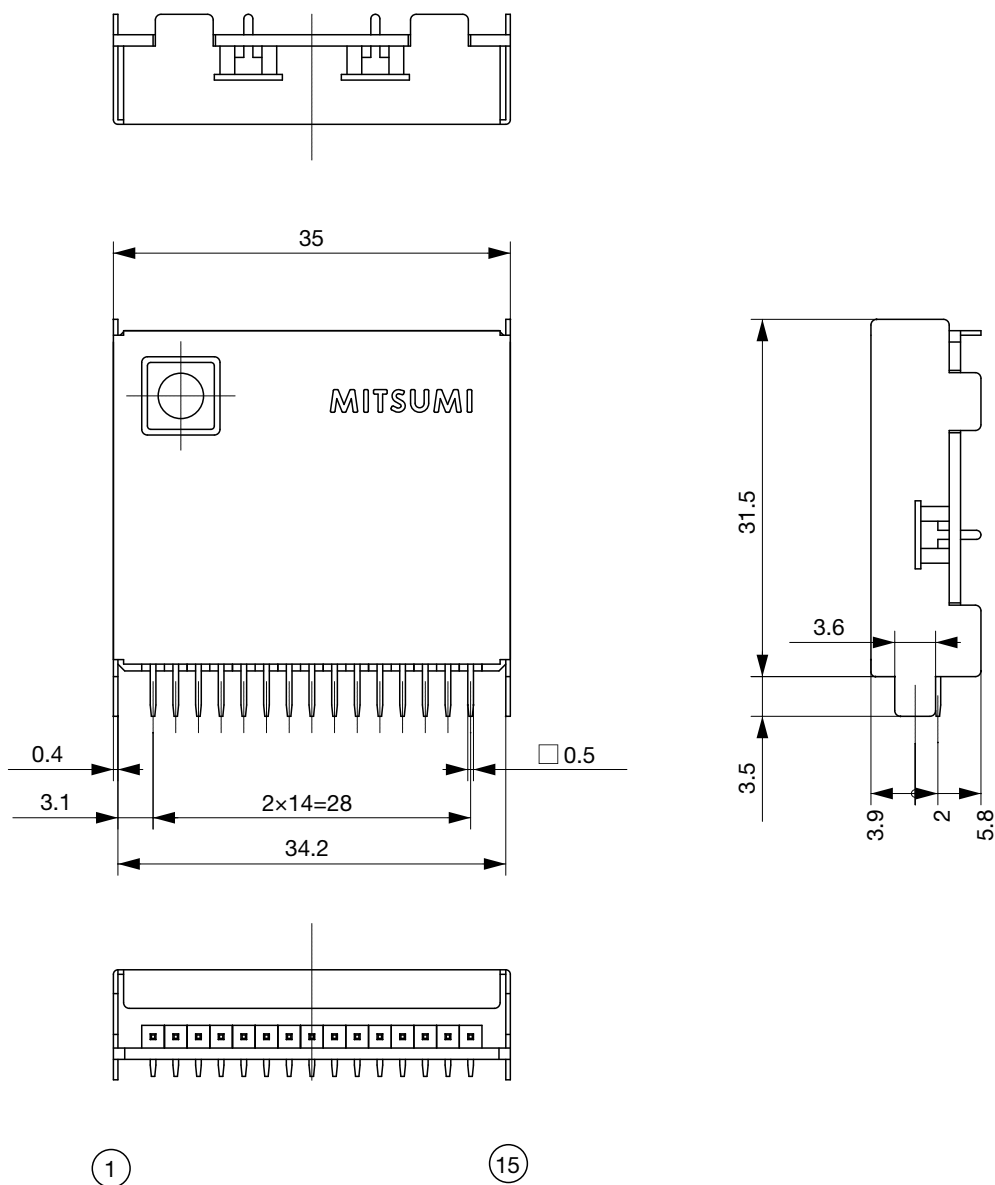


SPECIFICATIONS

Item		FAEC35-E01
Supply Voltage		+3.3V
Current Consumption	FM	170mA typ.
	AM	160mA typ.
Tuning Range	FM	-
	AM	-
Input Impedance	FM	75Ω
	AM	50Ω
Center IF	FM	10.7MHz
	AM	
Usable Sensitivity	FM	5dBμ typ.
	AM	25dBμ typ.
Image Rejection	FM	70dB min.
	AM	60dB min.
S/N Ratio	FM	Monaural 60dB min. (30% mod.)
	AM	50dB typ. (30% mod.)
Output Level	FM	-
	AM	-
Separation	FM	FM : 30dB min.
	AM	-

*Note Specifications subject to change without notice.

DIMENSIONS



Unit : mm
General Tolerance : ±0.3

EXTERNAL TERMINALS	
1. FM_ANT	9. RDS_DT
2. AM_ANT	10. RDS_CK
3. VDD_A	11. VDD_D
4. GND_A	12. GND_D
5. I ² C_AD	13. RSV
6. RESET	14. Lch_AUDIO
7. SDA	15. Rch_AUDIO
8. SCL	