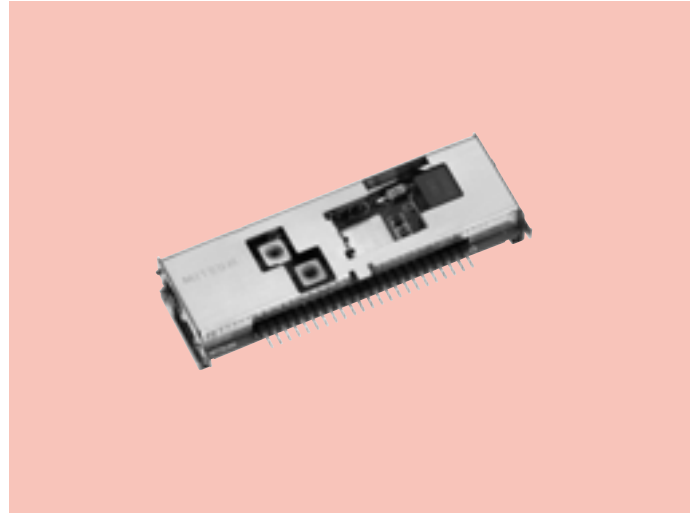


# Compact, Low-High, AM/FM Electronic Tuner for Car Stereo

## FAEC39-E01

### FEATURES

1. Compact, Low-Profile, High Performance.
2. Can support Worldwide, Weather.
3. Built-in PLL , Self adjustment and setting by I2C. Equipped with EERROM.
4. High-level sensitivity and resistance to various types of interference.
5. FM FE + IQ Mixer + Variable band IF + DET + FM NC + MPX
6. AM FE + DET + AM NC

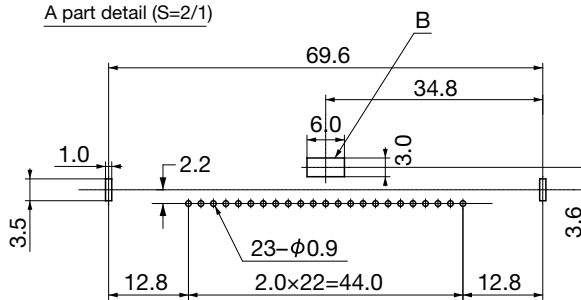
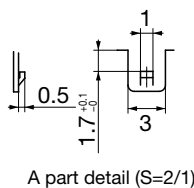
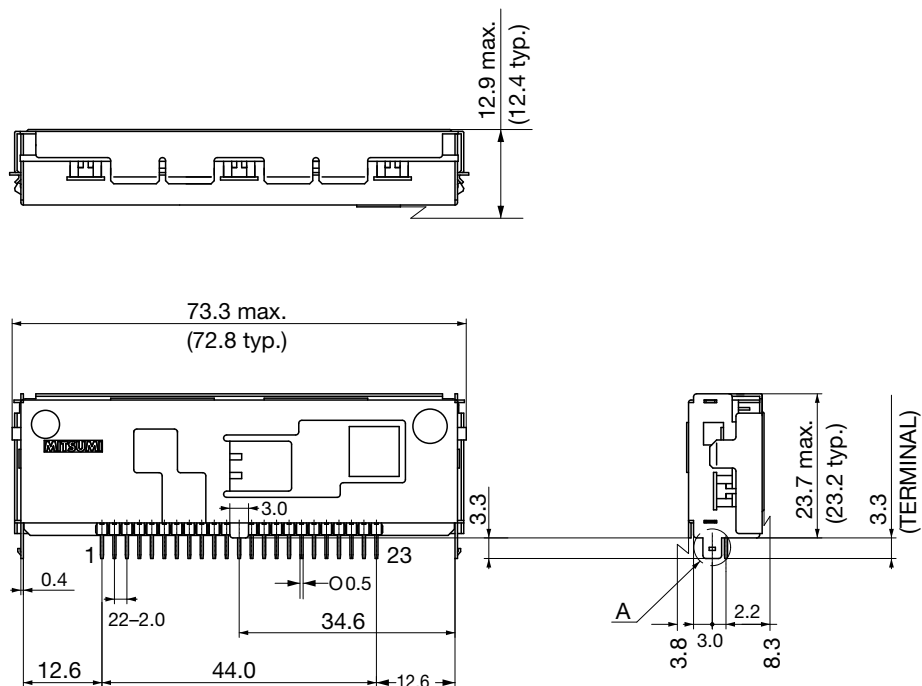


### SPECIFICATIONS

Item		FAEC39-E01
Supply Voltage		Vcc1 +8.5V Vcc2 5.0V
Current Consumption		120mA 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		50dB typ.
S/N Ratio	FM	Monaural 60dB min. (30% mod.)
	AM	47dB typ. (30% mod.)
Output Level	FM	190 +40/-60 mVrms
	AM	180±50 mVrms
Separation	FM	FM : 30dB min.
	AM	-

\*Note Specifications subject to change without notice.

**DIMENSIONS**



TERMINAL HOLE LAYOUT  
(DIP SIDE)

REFERENCE ONLY

EXTERNAL TERMINALS	
1. ANT	13. S-STOP
2. GND	14. MUX
3. GND	15. AF MUTE
4. GND	16. GND
5. N.C.	17. N.C.
6. GND	18. MPX OUT
7. VDD (5V)	19. RCH
8. N.C.	20. LCH
9. FSU	21. GND
10. Vcc (8.5V)	22. SDA
11. N.C.	23. SCL
12. N.C.	

Unit : mm  
General Tolerance : ±0.3