

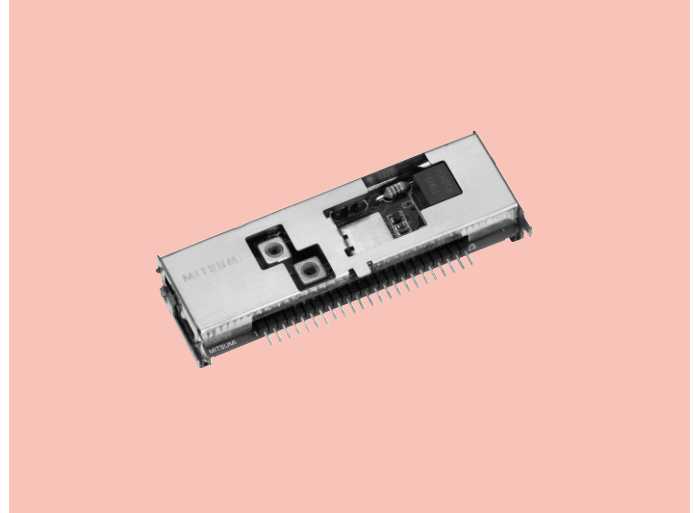
# Compact, Low-High, AM/FM Electronic Tuner for Car Stereo

## FAEC39-E01

AM/FM Electronic Tuners

### FEATURES

1. Compact, Low-Profile, High Performance.
2. Can support Worldwide, Weather.
3. Built-in PLL , Self adjustment and setting by I2C. Equipped with EEROM.
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

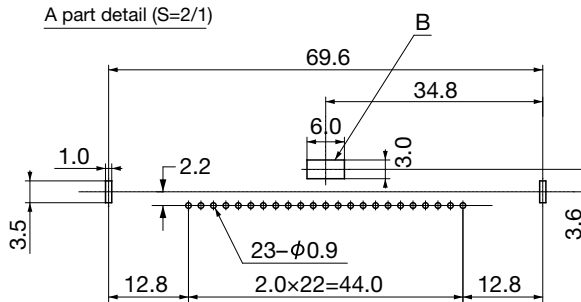
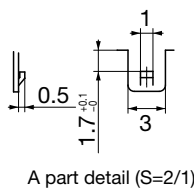
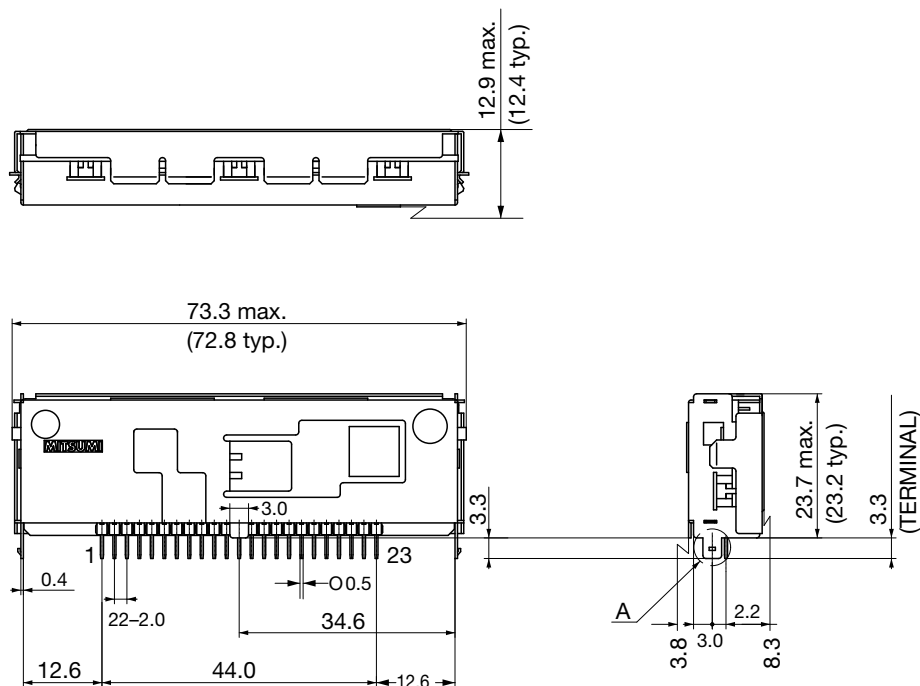


### SPECIFICATIONS

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

Unit : mm  
General Tolerance : ±0.3

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. V <sub>DD</sub> (5V)	19. RCH
8. N.C.	20. LCH
9. FSU	21. GND
10. V <sub>CC</sub> (8.5V)	22. SDA
11. N.C.	23. SCL
12. N.C.	

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.  
• The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.