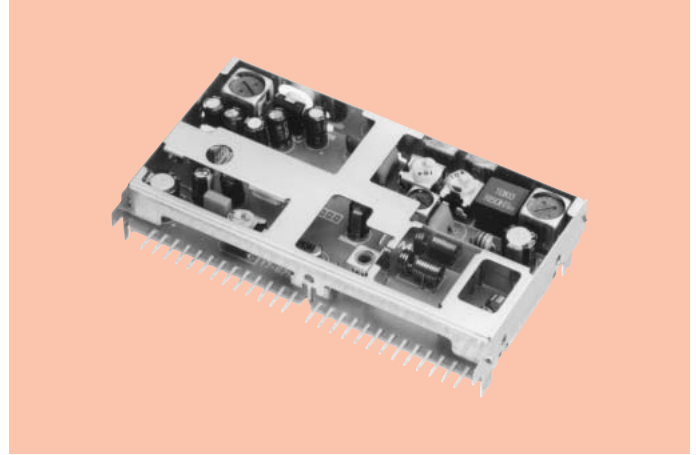


Compact, AM/FM Automotive Electronic Tuner for Popular Class FAE391-A20

AM/FM Electronic Tuners

FEATURES

1. Car FM/AM all-in-one electronic tuner.
2. FM three gang tuning, F.E+IF+NC+MPX structure.
3. LW~MW receiving without band switching circuit, due to the AM double conversion method.
4. FM-DET pin allows use in sets with RDS (European) function.
5. Ideal for mid-and high quality car stereo systems.
6. Supports various bands (normal overseas, North American, European).

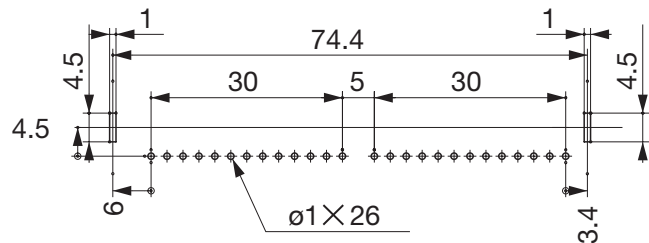
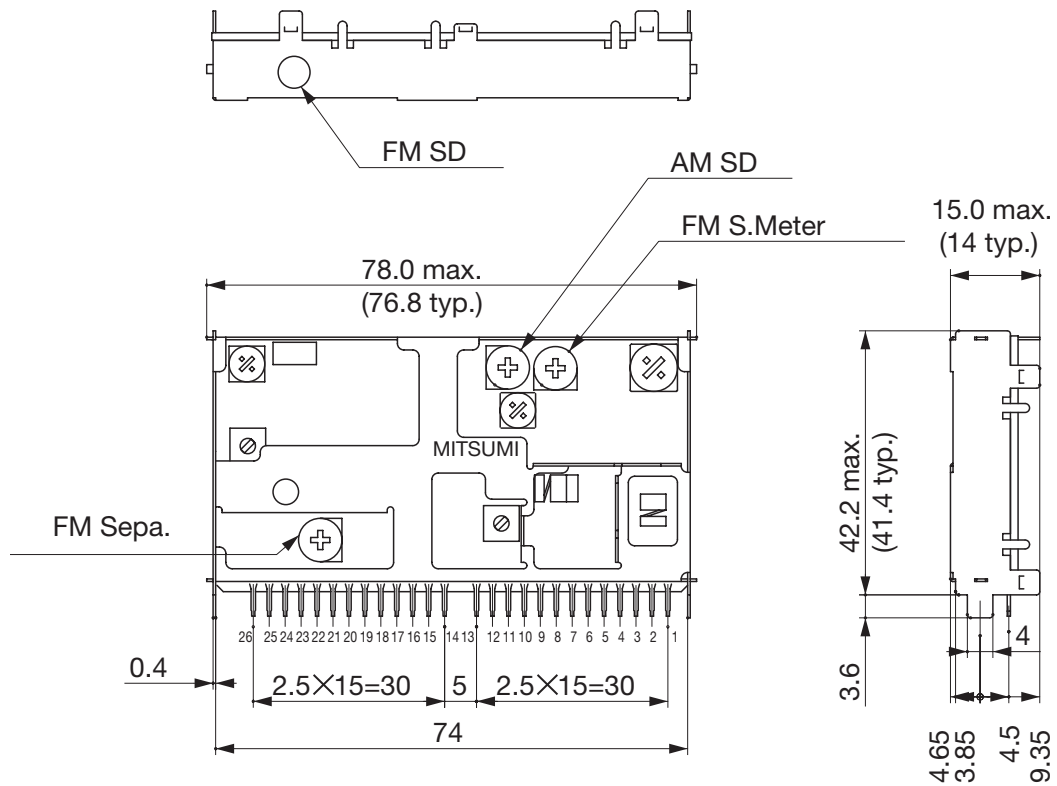


SPECIFICATIONS

Item	FAE391-A20		
	FM	MW	LW
Supply Voltage	8.2V	8.2V	8.2V
Current Consumption	150mA max.	145mA max.	145mA max.
Tuning Range	87.5~108MHz	530~1710kHz	153~279kHz
Input Impedance	75Ω unbalanced	———	———
Center IF	10.7MHz	1st IF=10.71MHz 2nd IF=450kHz	1st IF=10.71MHz 2nd IF=450kHz
Usable Sensitivity	10dBμmax. (3.5dBμtyp.) S/N 30dB	35dB max. (29dB typ.) S/N 20dB	37dB max. (32dB typ.) S/N 20dB
Image Rejection	43dB min.	45dB min.	45dB min.
IF Rejection	70dB min.	50dB min.	45dB min.
S/N Ratio (1kHz, 45kHz dev.)	54dB min. (mono)	45dB min.	42dB min.
Output Level (1kHz, 45kHz dev.)	200mV/rms typ.	110mV/rms typ.	110mV/rms typ.
Separation	25dB min. (Input 60dB, 40kHz dev.+Pilot 10%)	———	———

*Note Specifications subject to change without notice.

DIMENSIONS



TERMINAL HOLE LAYOUT

(DIP SIDE)

*REFERENCE ONLY

Unit: mm
General Tolerance: ±0.5

EXTERNAL TERMINALS	
1. AM ANT	14. AM Vt
2. FM ANT	15. GND
3. AM Dx/Lo	16. Lch
4. FM Dx/Lo	17. Rch
5. GND	18. GND
6. FM Vt	19. N.C
7. GND	20. ST/RQ
8. GND	21. S.Meter
9. AM Vcc	22. SD/ST IND.
10. GND	23. SNC
11. FM/AM OSC	24. DET OUT
12. FM Vcc	25. FM/AM Vcc
13. FM/AM Vcc	26. MUTE Drive