



# Saw Filters

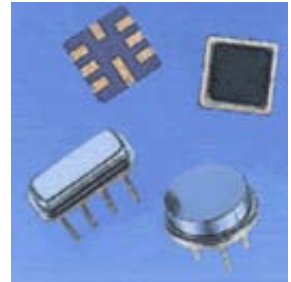
## Narrow Band Saw Filter - FM Series

### ▶ Saw Filter Features

- RF Low Loss Filter for Remote Control Receivers - Excellent Rejection
- Small External Impedance Matching

### ▶ Saw Filter Applications

- Automotive Keyless Entry - In-house Arrest Systems
- Tire Pressure Monitoring System - Wireless Security System



### ▶ Saw Filter Typical Specification

Center Frequency (MHz)	Package	Bandwidth at 3dB (KHz)	Operating Temperature (°C)	Storage Temperature (°C)	Insertion Loss (dB)	FTC (ppm/°C)	Aging (ppm/yr)
300 ~ 915	SMD5*5	500~ 1000	-40 ~ +85	-40 ~ +85	3.0	0.033	10
	TO39	500~ 1000	-20 ~ +85	-40 ~ +85	3.0	0.033	10
	F11	500~ 1000	-20 ~ +85	-40 ~ +85	3.0	0.033	10

### ▶ Saw Filter FM Series [SDM 5×5]

System	CenterFreq.(MHz)	B/W(MHz)	Part Number	Package	Marking Code
Front-End Filter	303.875	0.5-0.8	FMC303D87-B1	SMD 5x5	FB1
Front-End Filter	315.00	0.5-0.8	FMC315D00-B2	SMD 5x5	FB2
Front-End Filter	390.00	0.5-0.8	FMC390D00-B3	SMD 5x5	FB3
Front-End Filter	418.00	0.5-0.8	FMC418D00-B4	SMD 5x5	FB4
Front-End Filter	433.92	0.5-0.8	FMC433D92-B5	SMD 5x5	FB5
Front-End Filter	868.35	0.5-0.8	FMC868D35-B6	SMD 5x5	FB6

### ▶ Saw Filter FM Series [TO - 39]

System	Center Freq.(MHz)	B/W(MHz)	Part Number	Package	Marking Code
Front-End Filter	315.00	0.5-0.8	FMT315D00-D2	TO-39	FD2
Front-End Filter	390.00	0.5-0.8	FMT390D00-D3	TO-39	FD3
Front-End Filter	433.92	0.5-0.8	FMT433D92-D5	TO-39	FD5
Front-End Filter	868.35	0.5-0.8	FMT868D35-D6	TO-39	FD6

### ▶ Saw Filter Typical Filter Response

