

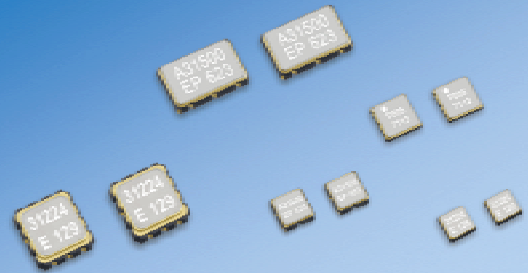


FILTER

Monolithic Crystal Filter (MCF) SAW Filter

•Features

- ▶Wide selection of types according to application.
- ▶Custom designs available upon request.
Please inquire it.



■Monolithic Crystal Filter (MCF)

▶HF series

Applications	Frequency	Pole (Filter order)	Passband		Model	External dimension (mm)			Page
	MHz		kHz	dB					
Radio Equipment / IF (For miniature size Equipments)	130.05	2	±15	3	HF-232A		2.5 × 2.0 × 0.9 t		109
	130.05	3	±15	3	HF-233A				
	122.88	2	±6	3	HF-362A		3.0 × 3.0 × 0.9 t		110
	243	3	±10	3	HF-363A				
	61.44	2	±6	3	HF-372A		3.8 × 3.8 × 1.0 t		111
73.35	3	±6	3	HF-373A					
Radio Equipment / IF	73.35	4	±7.5	3	HF-734A		7.0 × 5.0 × 1.1 t		112

*Models for other frequencies are available upon request.

▶MF series

Applications	Frequency	Pole (Filter order)	Passband		Model	External dimension (mm)			Page
	MHz		kHz	dB					
Radio Equipment / IF (For miniature size Equipments)	45	2	±7.5	3	MF-372A		3.8 × 3.8 × 1.0 t		113
	130.05	3	±14	3	MF-373A				
Radio Equipment / IF	21.4 21.7	2	±7.5	3	MF-722A		7.0 × 5.0 × 1.0 t		114
	45	2	±15	3					
	45	3	±15	3	MF-723A				
	45	4	±7.5	3	MF-734A		7.0 × 5.0 × 1.1 t		115

*Models for other frequencies are available upon request.

■SAW Filter

Application		Nominal frequency (MHz)	Passband (MHz)	Model	External dimension			Page
					Actual size	Typ. (mm)		
TPMS, RKE/RF ARIB std.T67 in Japan / RF	RKE TPMS ARIB T67 	300 to 500	0.2	FF-555		5.2 × 4.8 × 1.5 t		116
		300 to 500	0.4(0.6)	FF-32N		3.8 × 3.8 × 0.98 t		117
		300 to 450	0.6 to 4	TF-330A / C		3.0 × 3.0 × 1.11 t		118
ISM/RF	Europe	869	2	TQS-557AA-7R		3.0 × 3.0 × 1.11 t		119
GPS, Car navigation / RF		1575.42	2.4	TQS-949AD-7G		2.5 × 2.0 × 0.8 t		120
W-LAN/IF		374	17	TQS-471BB-7R		3.0 × 3.0 × 1.11 t		121
Cellular phone / IF	W-CDMA/UMTS	190	4.6	TQS-477AA-7R		3.0 × 3.0 × 1.11 t		122
Base station / IF	W-CDMA Base Station	380	4.4	TQS-472BA-7R		7.0 × 5.0 × 1.5 t		123

RKE : Remote Keyless Entry
TPMS : Tire Pressure Monitoring System