

SAW Filter SF22



Low-loss RF filter for remote control receivers
Balanced and unbalanced operation possible

FEATURES

- RoHS compatible
- Lead free soldering compatible
- Electrostatic Sensitive Device (ESD)
- Moisture Sensitivity Level 1 (MSL1)

Electrical Specifications

Parameter	Symbol	Condition	Typical			Unit	
Frequency Range	F_0		315.00 / 433.92 / 866.50 / 915.00 / others			MHz	
Bandwidth @3dB	BW_{3dB}	at 25°C	±5	±10	±30	MHz	
Insertion Loss	I_L		2.7			3.5	dB
Amplitude Ripple (p-p)	Δ_a		0.3			1.0	dB
Operating Temperature Range	T_{OPR}		-40	-10 to +60	+85	°C	
Storage Temperature Range	T_{STG}		-40		+85	°C	
RF Power Dissipation	P		10			dBm	
Terminating source impedance	-		50			Ω	
Terminating load impedance	-		50			Ω	

Mechanical Dimensions (mm)

Bottom View

Pin	Connection
1	GND
2	Input
3	GND
4	GND
5	Output
6	GND

Test Circuit (Bottom View)

$R_g = R_i = 50\Omega$