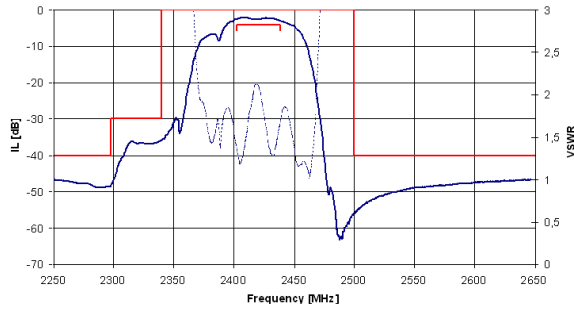


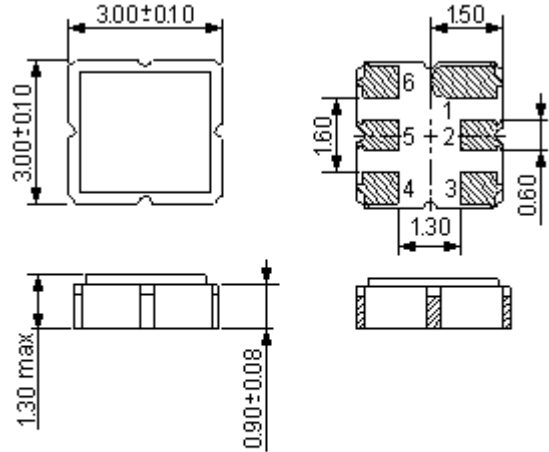
SF2420D Low Loss RF Filter for ISM Application

This product is lead-free in compliance with RoHs 2002/95/EC.

Typical performance:



Package: S22 / 3*3mm²



All dimensions in mm.

Pin 1	Ground	Pin 4	Ground
Pin 2	Input	Pin 5	Output
Pin 3	Ground	Pin 6	Ground

Test conditions:

RF power	0 dBm	
temperature:	23 °C	
Terminating source impedance (Z _S):	50 Ω	No matching
Terminating load impedance (Z _L):	50 Ω	No matching

	minimum	typical	maximum	unit
Centre frequency		2420.5		MHz
Pass Band	2402.5		2438.5	MHz
Insertion Loss in Pass Band			4	dB
Ripple in Pass Band			1	dB
Rejection				
500 MHz – 1500 MHz	50			dB
1500 MHz – 2298 MHz	40			dB
2298 MHz – 2340 MHz	30			dB
2500 MHz – 3200 MHz	40			dB
3200 MHz – 4200 MHz	30			dB
4200 MHz – 6000 MHz	20			dB
RF Power			27	dBm
Operating temperature range	-25		+70	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-31.0		ppm/K
VSWR			2.2	

Electrostatic Sensitive Device