

SF444A
Low Loss RF Filter for ISM applications
 This product is lead-free in compliance with RoHs 2002/95/EC.

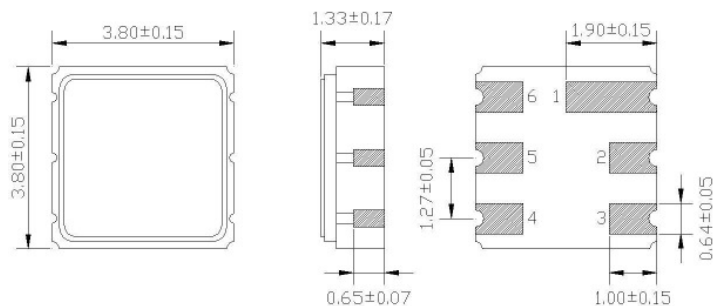
Test Conditions:

RF power	0 dBm	
Temperature	23 °C	
DC Voltage	6 V	
Terminating source impedance (Z _s):	50 Ω	No Matching
Terminating load impedance (Z _L):	50 Ω	No Matching

	minimum	typical	maximum	unit
Centre frequency		444		MHz
Insertion Loss in Pass Band 443.5 – 444.5 MHz		2.6	3.3	dB
Ripple in Pass Band 443.5 – 444.5 MHz			1.0	dB
Rejection				
100 MHz – 437 MHz	38	40		dB
452 MHz – 465 MHz	33	35		dB
465 MHz – 1300 MHz	42	45		dB
RF Power			27	dBm
Operating temperature range	-40		+85	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-31.0		ppm/K

Electrostatic Sensitive Device

Package: S35 / 3.8*3.8 mm²



All dimensions in mm

Pin 2 Input
 Pin 5 Output
 Pin 1, 3, 4, 6 to be grounded

Typical performance:

