

SF1220C

IF Filter for C-TV-Head end, 1 channel

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

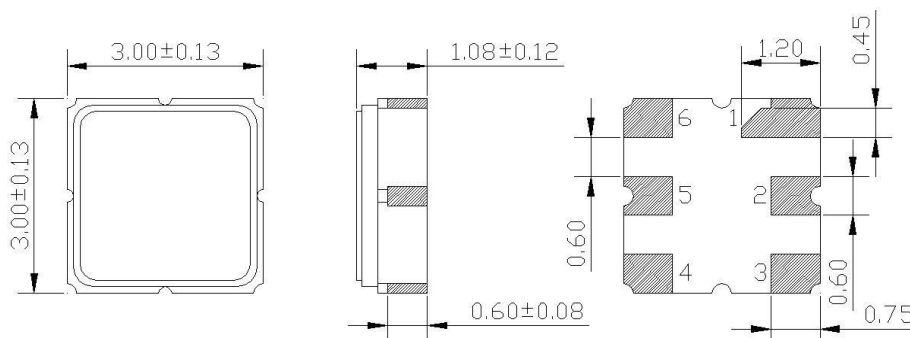
Test Conditions:

RF power	0 dBm	
Temperature	23 °C	
DC Voltage	0 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		1220		MHz
Insertion Loss in Pass Band 1216 MHz – 1224 MHz		2.0	3.0	dB
Ripple in Pass Band 1216 MHz – 1224 MHz		0.6	1.0	dB
Rejection				dB
100 MHz – 950 MHz	50	55		dB
950 MHz – 1150 MHz	45	48		dB
1150 MHz – 1185 MHz	40	46		dB
1250 MHz – 1270 MHz	40	48		dB
1270 MHz – 1500 MHz	45	50		dB
1500 MHz – 2000 MHz	40	45		dB
2000 MHz – 2500 MHz	35	41		dB
Operating temperature range	-10		+70	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-31		ppm/K ²

Electrostatic Sensitive Device

Package: S25 / 3.0x3.0mm²

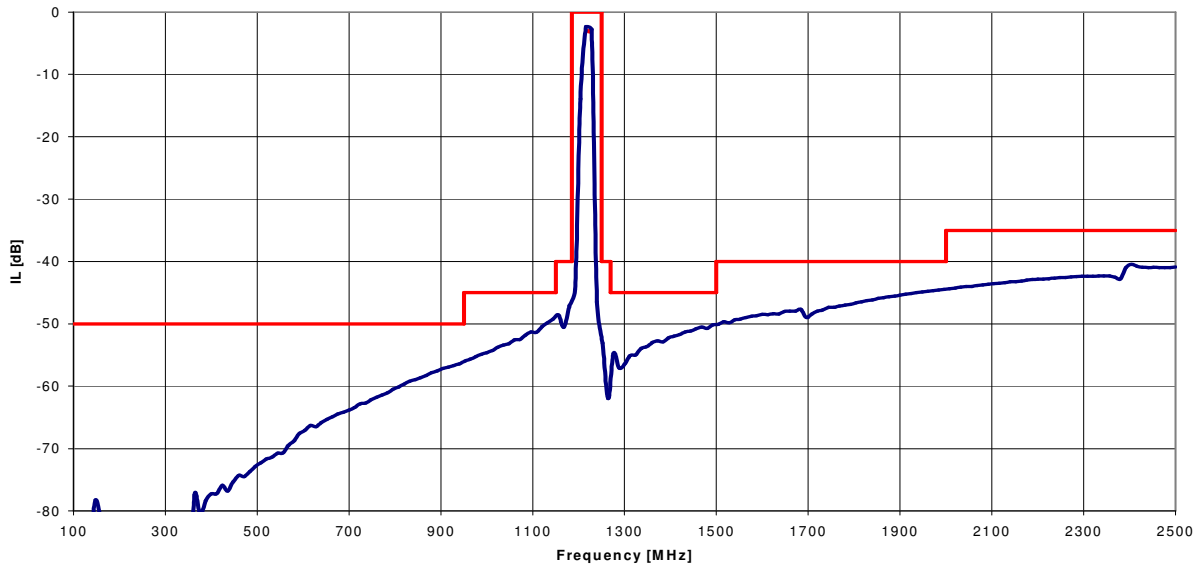
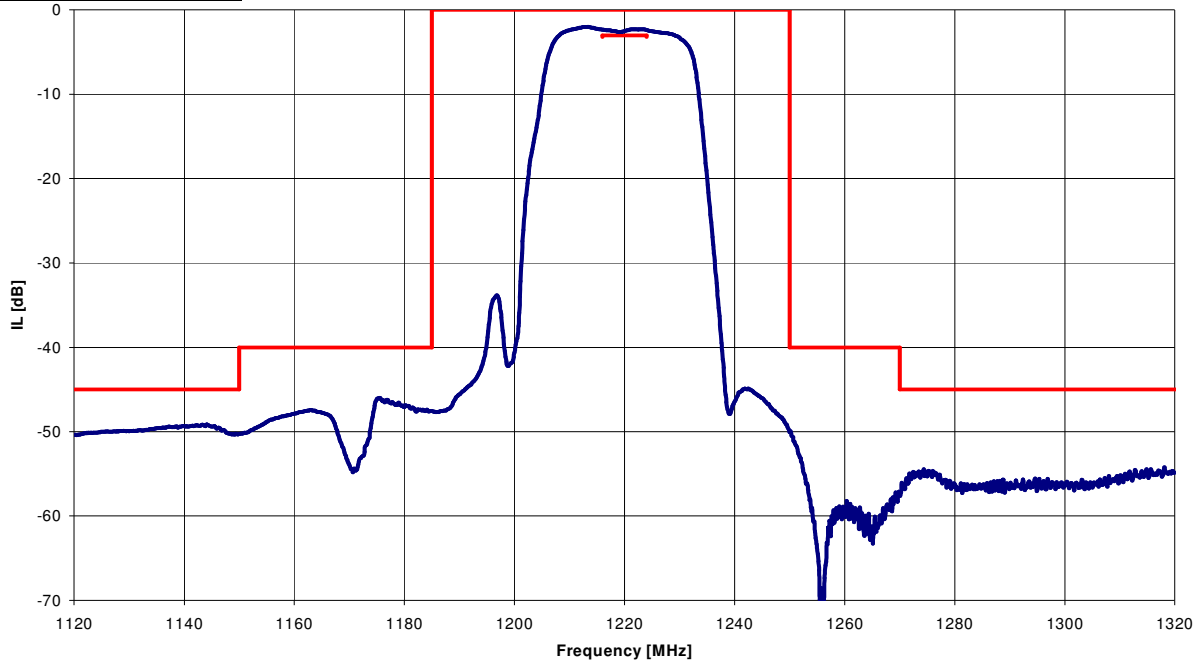


All dimensions in mm

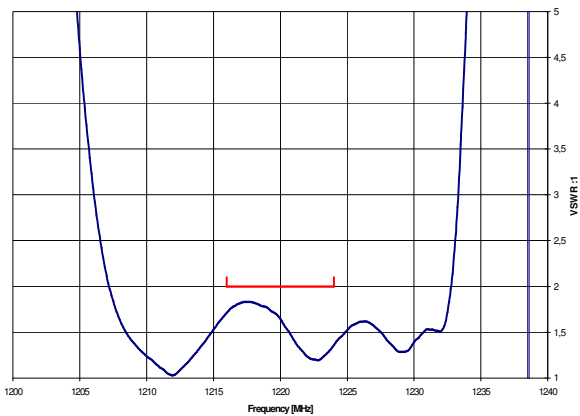
Pin 2 Input
Pin 5 Output

Pin 1, 4 Case ground
Pin 3, 6 to be grounded

Typical performance:



VSWR in



VSWR out

