

SF915G (L2) – Low Loss RF Filter for ISM Application

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

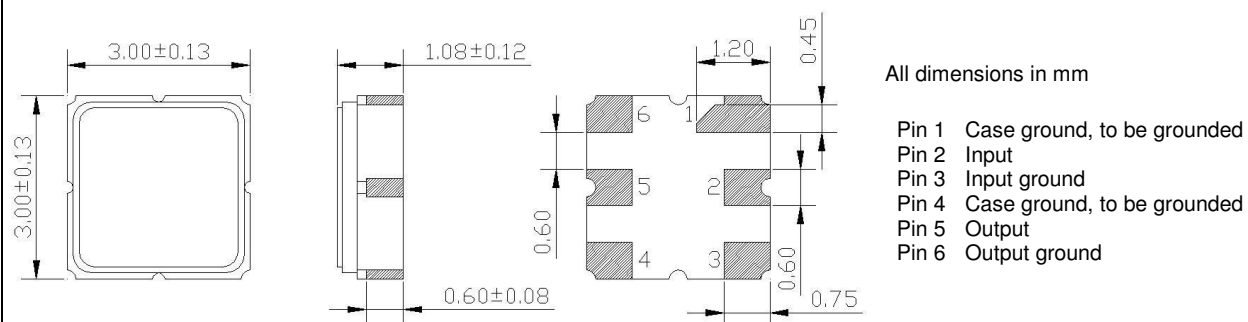
Test Conditions:

RF power	0 dBm	
Temperature	23 °C	
DC Voltage	5 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		915		MHz
Insertion Loss in Pass Band 902 MHz – 928 MHz		1.0	2.6	dB
Ripple in Pass Band 902 MHz – 928 MHz		1.0	1.5	dB
VSWR Loss in Pass Band 902 MHz – 928 MHz		1.8	2.0	
Rejection				
10 MHz – 150 MHz	35	38		dB
150 MHz – 835 MHz	29	31		dB
835 MHz – 870 MHz	35	38		dB
870 MHz – 884 MHz	30	35		dB
947 MHz – 950 MHz	20	30		dB
950 MHz – 970 MHz	40	45		dB
970 MHz – 1.500 MHz	33	37		dB
1.500 MHz – 1.700 MHz	40	45		dB
1.700 MHz – 2.000 MHz	30	35		dB
2.000 MHz – 2.500 MHz	25	30		dB
RF Power			25	dBm
Operating temperature range	-40		+85	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-31		ppm/K

Electrostatic Sensitive Device

Package: S25 / 3.0*3.0mm²



Typical performance:

