

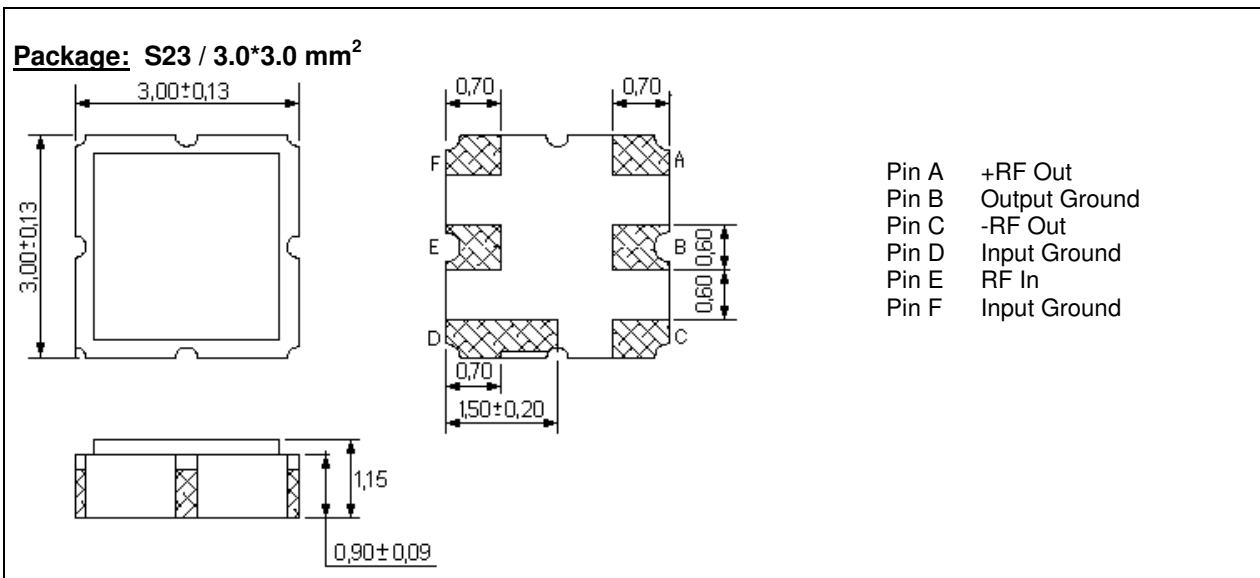
SF8690
RF Filter - unbalanced to balanced - for ISM Application
 This product is lead-free in compliance with RoHs 2002/95/EC.

Test Conditions:

RF power	0 dBm			
Temperature	23 °C			
DC Voltage	0 V			
Terminating source impedance (Z _S):	50 Ω	unbalanced		
Terminating load impedance (Z _L):	100 Ω	balanced		

	minimum	typical	maximum	unit
Centre frequency		869.0		MHz
Insertion Loss in Pass Band 868.0 – 870.0 MHz			4	dB
Ripple in Pass Band 868.0 – 870.0 MHz		0.5	1.0	dB
Rejections				
800 MHz – 851MHz	45	50		dB
893 MHz – 900 MHz	27	32		dB
900 MHz – 923 MHz	33	36		dB
923 MHz – 1000 MHz	45	50		dB
Output phase balance	-15	-10	10	°
Output amplitude balance	-2	-0.5	1	dB
RF power			25	dBm
Operating temperature range	-40		+85	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-31.0		Ppm/K

Electrostatic Sensitive Device



Typical performance:

