

## SF946A

**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 <sub>S</sub> ):	50 Ω	No matching
Terminating load impedance (Z <sub>L</sub> ):	50 Ω	No matching

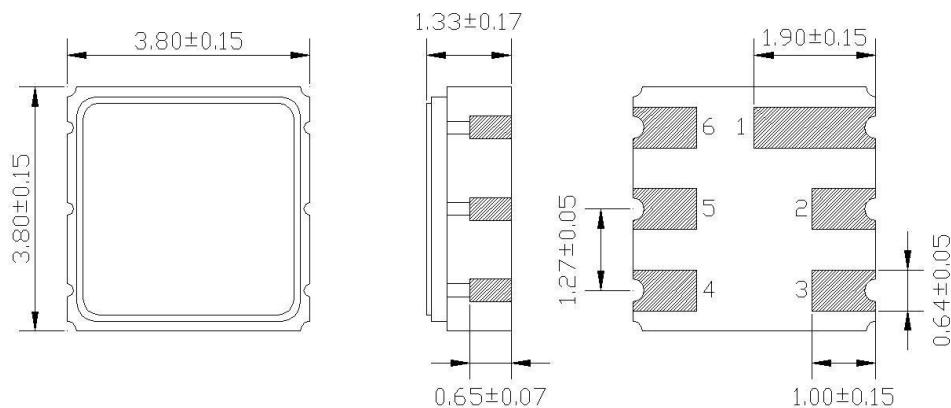
	minimum	typical	maximum	unit
Centre frequency		946.4		MHz
Insertion Loss in Passband				
942.4 – 950.4 MHz		2.5	3.2	dB
Ripple in Passband				
942.4 – 950.4 MHz <sup>*)</sup>		0.4	0.7	dB
942.4 – 950.4 MHz <sup>**)</sup>			1.2	dB
Rejection				
200 MHz – 920 MHz	-40	-45		dB
975 MHz – 1500 MHz	-40	-43		dB
1500 MHz – 2000 MHz	-30	-38		dB
RF Power			25	dBm
Operating temperature range	-10		+70	°C
Storage temperature range	-40		+85	°C
Temperature coefficient of frequency		-30		ppm/°C

<sup>\*)</sup> bei 23°

<sup>\*\*)</sup> bei -10° bis +70°C

**Electrostatic Sensitive Device**

### Package: S35 / 3.8x3.8mm<sup>2</sup>



All dimensions in mm

Pin 1	Case ground	Pin 4	Case ground
Pin 2	Input	Pin 5	Output
Pin 3	Case ground	Pin 6	Case ground

## Typical performance:

