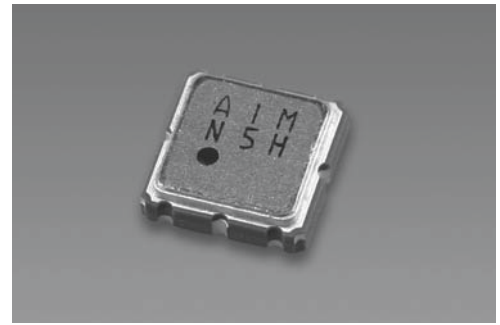


## SAW Filter for RFID

For Industrial Use

### Features

- A filter with excellent temperature stability.
- Compact and light.
- High electric power-resistant characteristics.

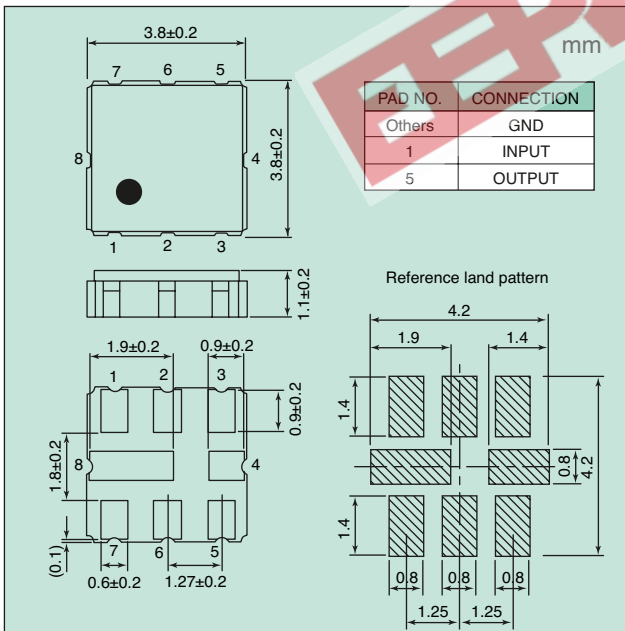


**Pb Free** **RoHS Compliant**  
Directive 2002/95/EC

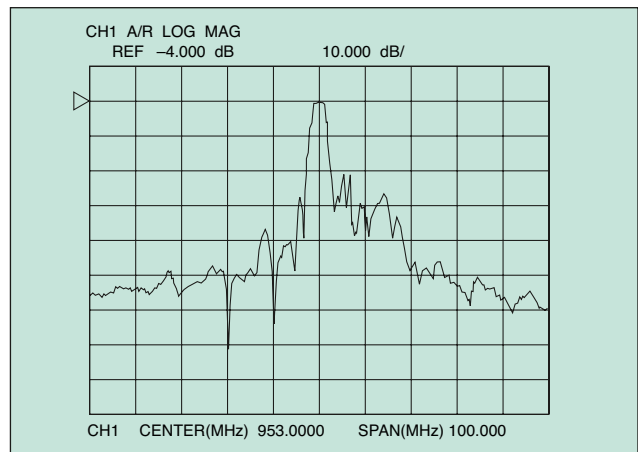
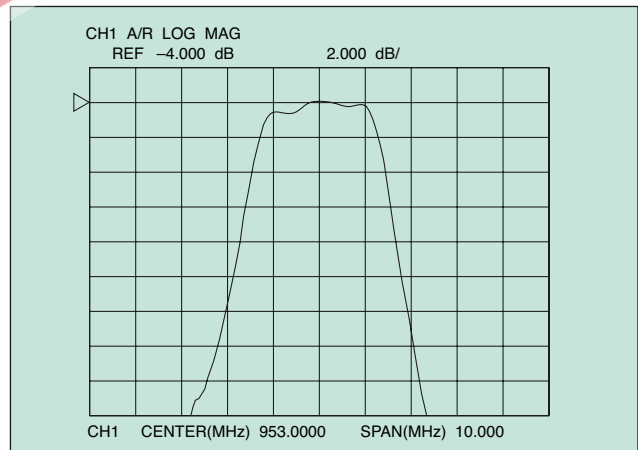
### Specifications

Model	WF893C0953CH		
Item	min.	typ.	max.
Nominal frequency : $f_0$ (MHz)	–	953	–
Minimal insertion loss (IL)(dB)	–	4.0	5.0
3-dB passband width (MHz)	$\pm 1.0$	$\pm 1.4$	–
In-band ripple	$f_0 \pm 1\text{MHz}$ (dB)		
	–	0.7	1.0
Guaranteed attenuation (dB) (from the minimal insertion loss)	$f_0 - 50\text{MHz}$ to $f_0 - 8\text{MHz}$	30	38
	$f_0 - 8\text{MHz}$ to $f_0 - 3\text{MHz}$	15	20
	$f_0 + 3\text{MHz}$ to $f_0 + 25\text{MHz}$	15	21
	$f_0 + 25\text{MHz}$ to $f_0 + 50\text{MHz}$	30	45
Operating temperature range (°C)	–30	–	60
Terminating impedance ( $\Omega$ )	820//–1.3pF		

### Dimensions



### Characteristics



### Matching Circuit

