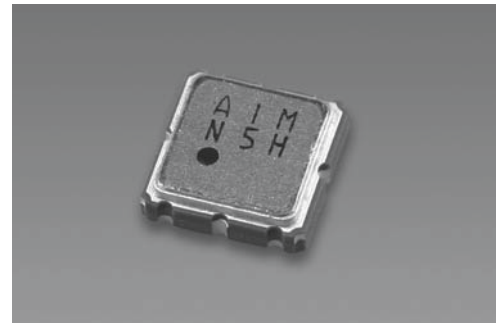


## SAW Filter for RFID

For RFID (3-MHz Band)

### Features

- A filter with excellent temperature stability.
- Compact and light.



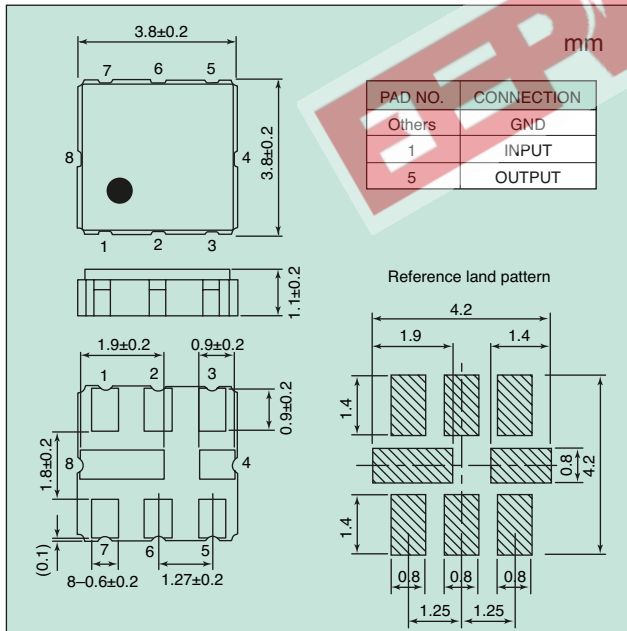
Pb Free

RoHS Compliant  
Directive 2002/95/EC

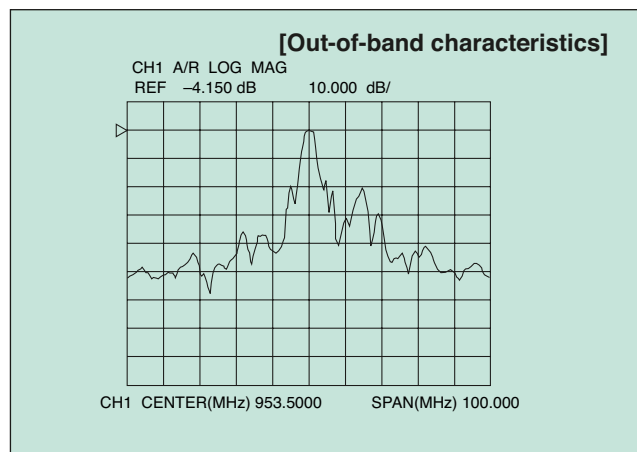
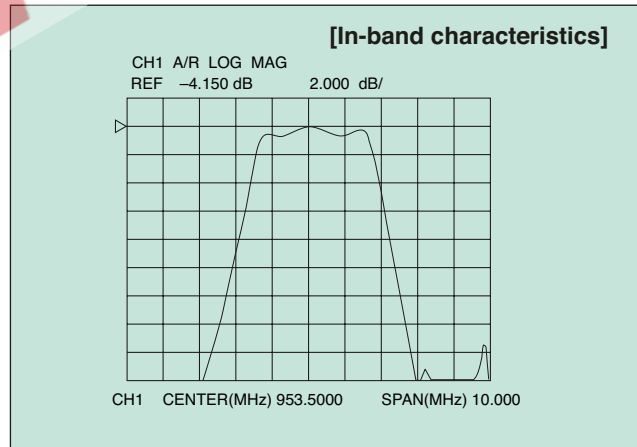
### Specifications

Model	WF999A0953CG		
Item	min.	typ.	max.
Nominal frequency : $f_0$ (MHz)	–	953.5	–
Minimal insertion loss (dB)	–	4.2	5.0
3-dB bandwidth (MHz)	$\pm 1$	$\pm 1.4$	–
Guaranteed attenuation (dB) (from the minimal insertion loss)	$f_0 - 50\text{MHz}$ to $f_0 - 8\text{MHz}$	25	35
	$f_0 - 8\text{MHz}$ to $f_0 - 3.5\text{MHz}$	10	20
	$f_0 + 3.5\text{MHz}$ to $f_0 + 25\text{MHz}$	10	15
	$f_0 + 25\text{MHz}$ to $f_0 + 50\text{MHz}$	30	38
Operating temperature range (°C)	–30		60
Terminating impedance ( $\Omega$ )		820//–1.3pF	

### Dimensions



### Characteristics



### Matching Circuit

