

# SAW Filter $\Phi\Pi3\Pi7-494-02$

## Application:

- SAW filter for IF-stages of TV-transmitters
- Medium frequency of a pass band 34,0 MHz

## Measuring conditions:

- $t=25\text{ }^{\circ}\text{C}$
- $R_{\text{source}}=R_{\text{load}}=50\ \Omega$

**Metal package:** 1210.29-3H

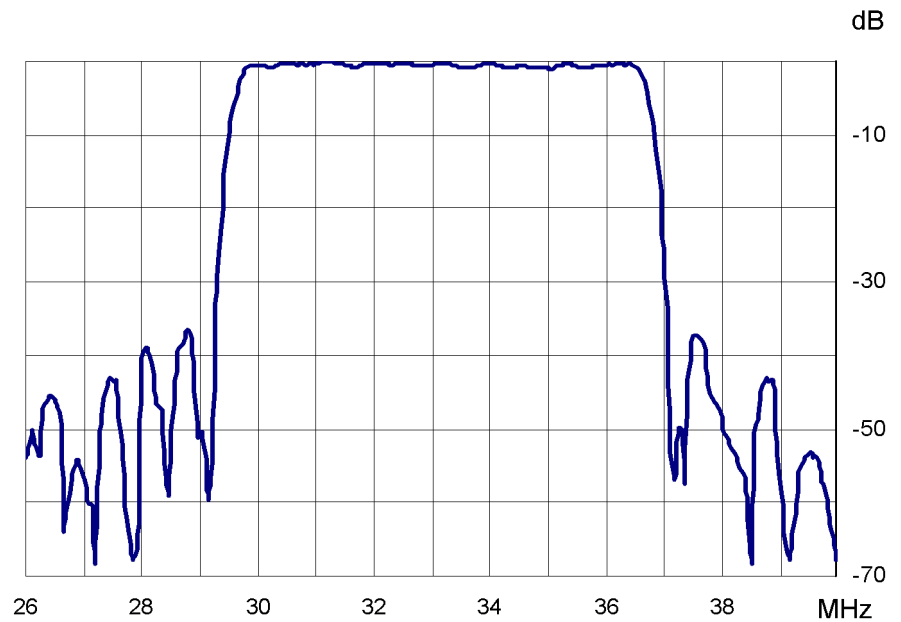
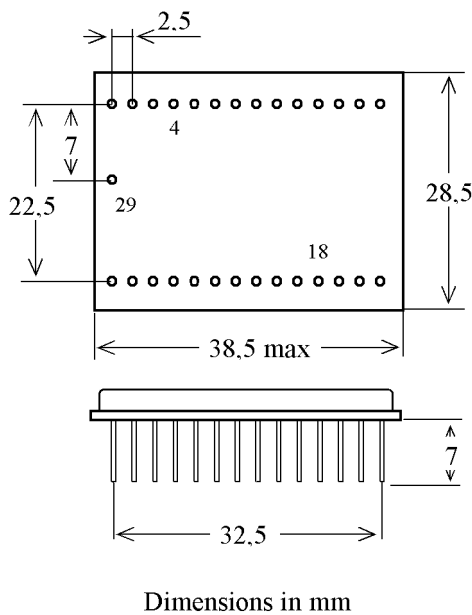
## Pin configuration:

- 4 – input;
- 18 – output;
- other – ground.

## Main Electrical Parameters

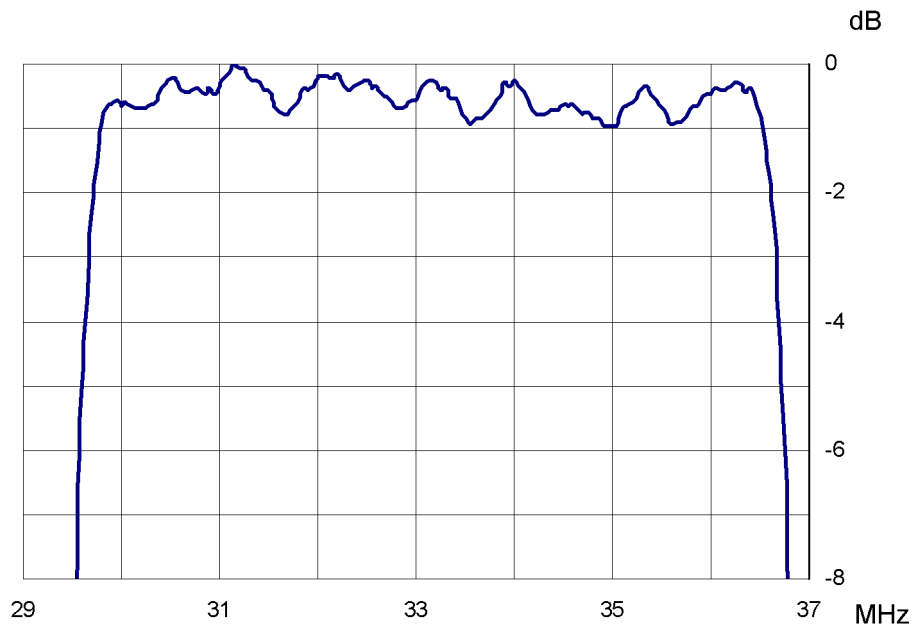
Parameter	Unit	Typ. value
Insertion loss	dB	24
Pass band ripple 30,5...35,85 MHz	dB	$\pm 0,4$
Attenuation, reference at 33,0 $\pm$ 0,5 MHz	dB	
29,75 MHz		-0,8
36,5 MHz		-0,6
29,25 MHz		35
37,0 MHz		35
28,0...29,25 MHz		38
37,0...41,0 MHz		38
Group delay 30,5...35,85 MHz	ns	$\pm 20$
Temperature coefficient of frequency	ppm	-72

## Frequency Response



**Manufacturer: "PARC S.R.L." Ltd.**  
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### Detail of frequency response



### Group delay

