

# SAW Filter $\Phi\Pi3\Pi7-493-01$

## Application:

- SAW filter for IF-stages of TV-demodulators
- Medium frequency of a pass band 36,0 MHz

## Measuring conditions:

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

**Metal package:** 1210.29-3H

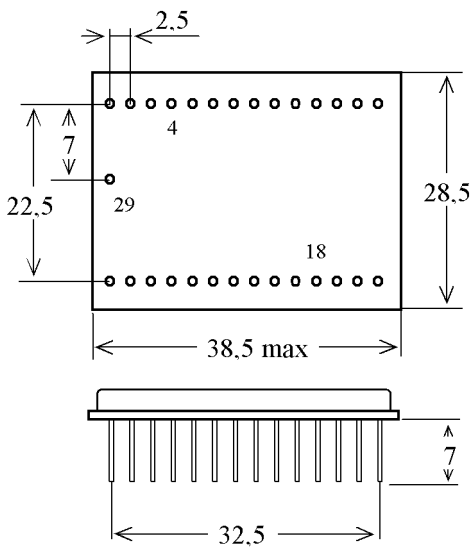
## Pin configuration:

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

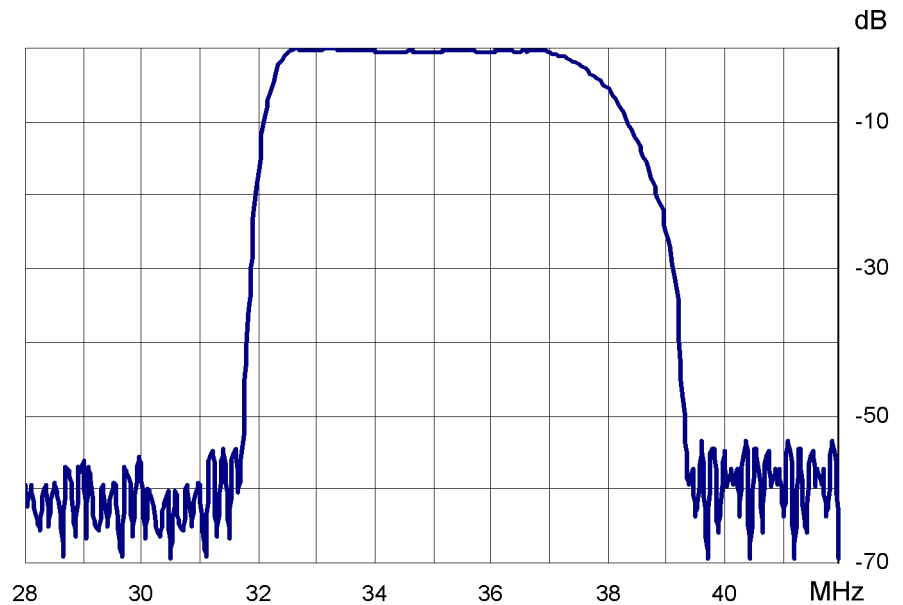
## Main Electrical Parameters

Parameter	Unit	Typ. value
Insertion loss	dB	24
Pass band ripple 32,0...36,6 MHz	dB	$\pm 0,4$
Attenuation, reference at $36,0\pm 0,5$ MHz	dB	
32,15 MHz		-3,7
37,0 MHz		-0,3
38,0 MHz		-6,0
31,65 MHz		45
39,35 MHz		45
28,0...31,6 MHz		50
39,35...42,0 MHz		50
Group delay	ns	
32,5 MHz		$250\pm 50$
35,5 MHz		$-90\pm 25$
38,0 MHz		$0\pm 15$
Temperature coefficient of frequency	ppm	-72

## Frequency Response

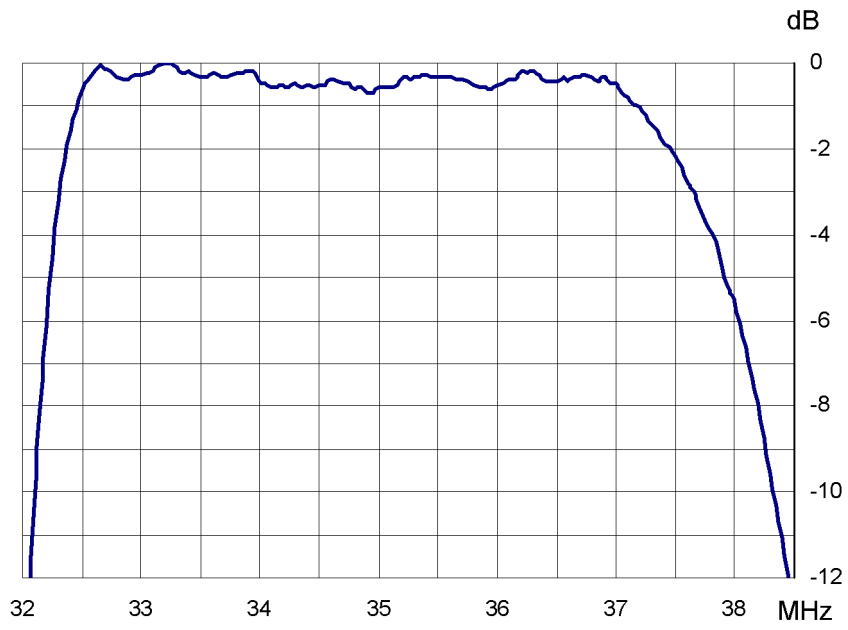


Dimensions in mm



**Manufacturer: "PARC S.R.L." Ltd.**  
 121357, Russia, Moscow, Vereyskaya , 29  
 Tel/fax (495) 411-96-08; 411-96-09

**Detail of frequency response**



**Group delay**

