

# SAW Filter FP3P7-494-03E

## Main Electrical Parameters

Parameters	Unit	Typ. value
Insertion loss	dB	24
Pass band ripple	dB	32,2...35,0 MHz
		35,0...38,6 MHz
Attenuation, reference at 36,5 MHz	dB	32,0 MHz
		38,75 MHz
Attenuation, reference at 36,5 MHz	dB	25,0...30,5 MHz
		30,5...31,5 MHz
		39,25...42,2 MHz
		42,2...42,5 MHz
		42,5...45,0 MHz
Group delay	ns	32,5 MHz
		33,3 MHz
		33,57 MHz
		34,0 MHz
		35,0 MHz
		36,0 MHz
		37,0 MHz
		37,5 MHz
		37,9 MHz
		38,0 MHz
Temperature coefficient of frequency	ppm	-72

### Application:

- SAW filter for IF-stages of TV-transmitters
- Medium frequency of a pass band 36,5 MHz

### Measuring conditions:

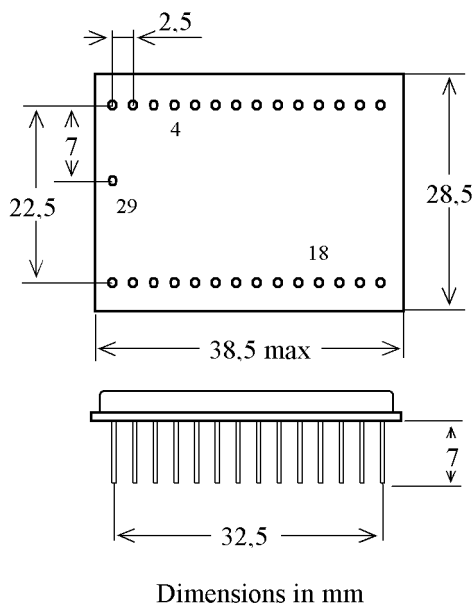
- $t=25\text{ }^{\circ}\text{C}$
- $R_{\text{source}}=R_{\text{load}}=50\ \Omega$

**Metal package:** 1210.29-3H

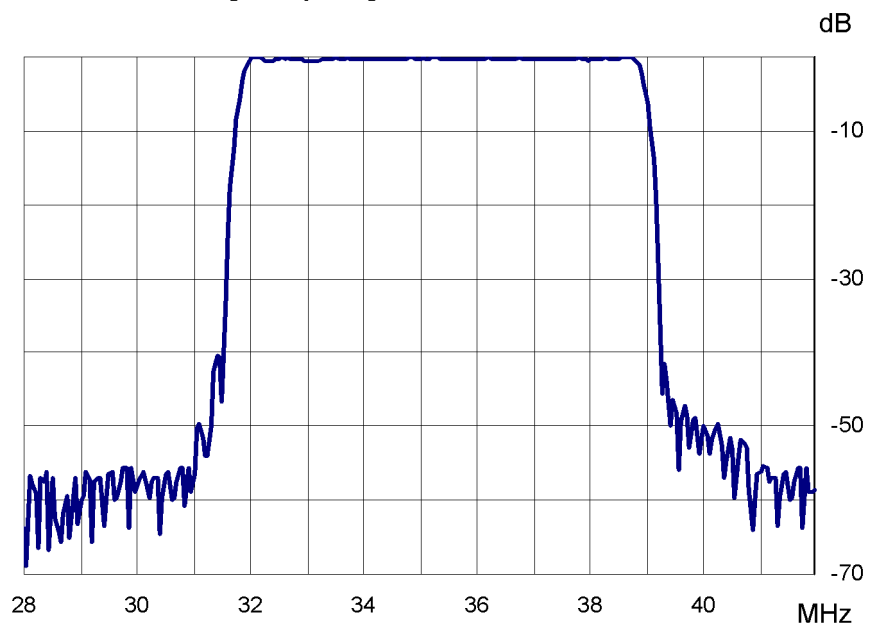
**Weight of the filter:** max 17 gr

### Pin configuration:

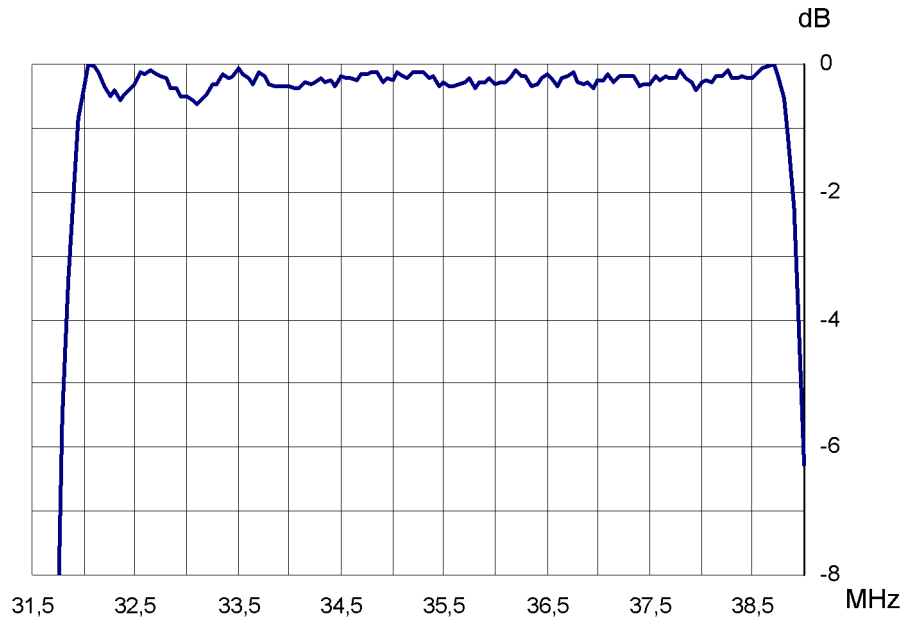
- 4 – input;
- 18 – output;
- other – ground.



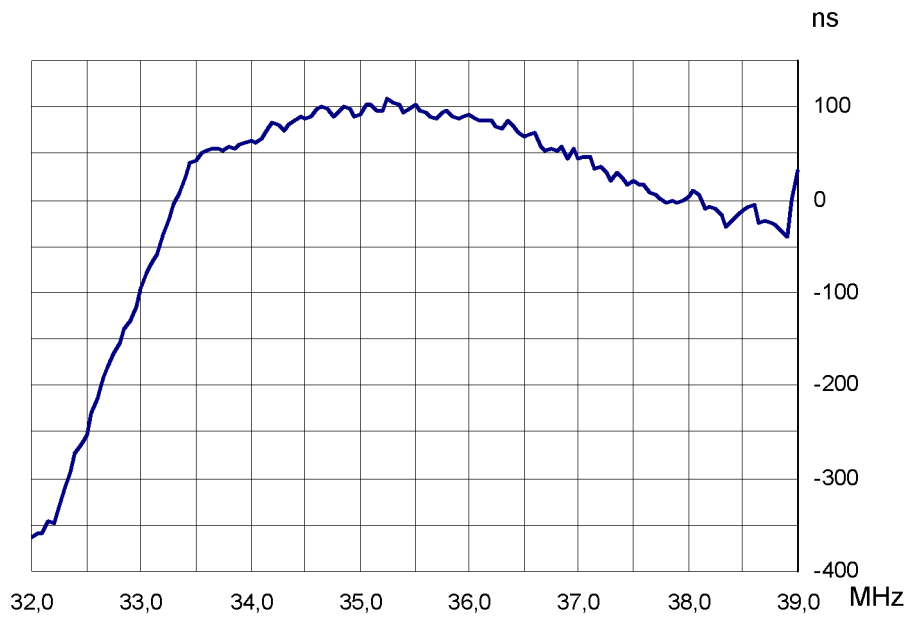
## Frequency response



### Detail of frequency response



### Group delay



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