

SAW Filter ФП3П7-494-04

Main Electrical Parameters

Application:

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

Measuring conditions:

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

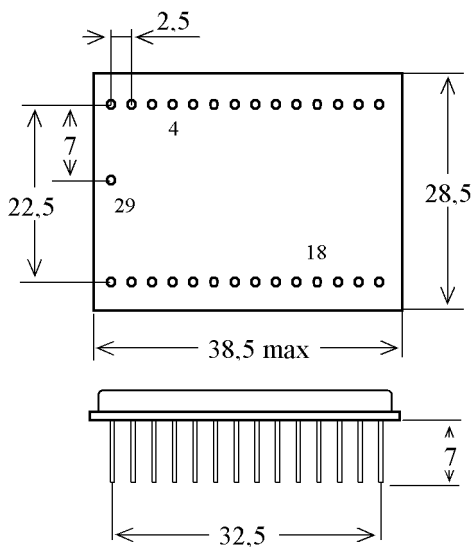
Metal package: 1210.29-3H

Pin configuration:

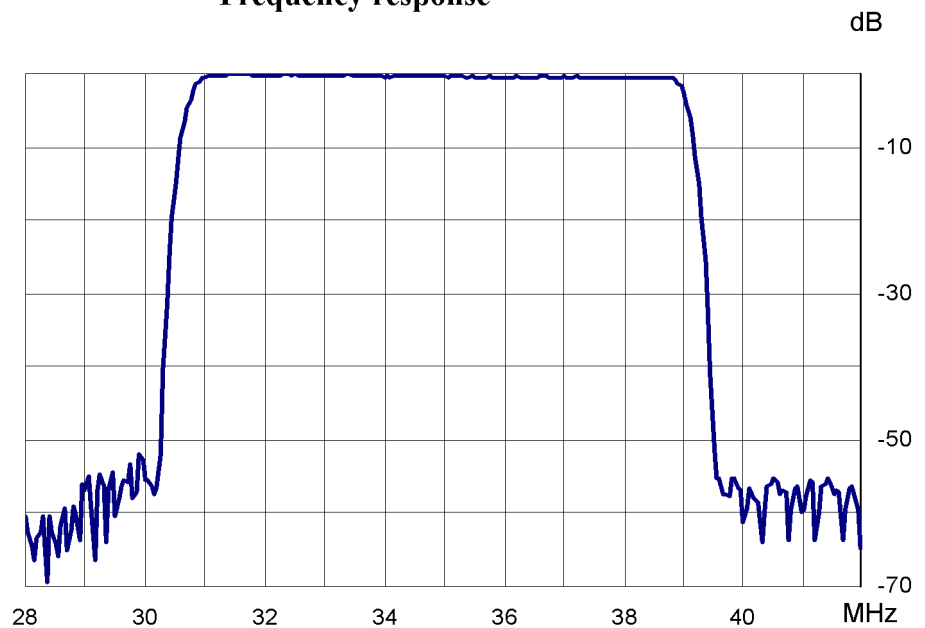
- 4 – input;
- 18 – output;
- other – ground.

Parameter	Unit	Typ. value
Insertion loss	dB	27
Pass band ripple 31,25...38,75 MHz	dB	$\pm 0,4$
Attenuation, reference at 36,5 MHz 25,0...30,0 MHz	dB	50
39,5...45,0 MHz		48
Group delay 32,0...33,0 MHz	ns	0 ± 80
33,0 MHz		0 ± 25
34,0 MHz		6 ± 25
35,0 MHz		10 ± 25
36,0 MHz		10 ± 25
37,0 MHz		6 ± 25
38,0 MHz		0
38,5 MHz		-8 ± 25
38,5...38,75 MHz		0 ± 80
Temperature coefficient of frequency	ppm	-72

Frequency response



Dimensions in mm

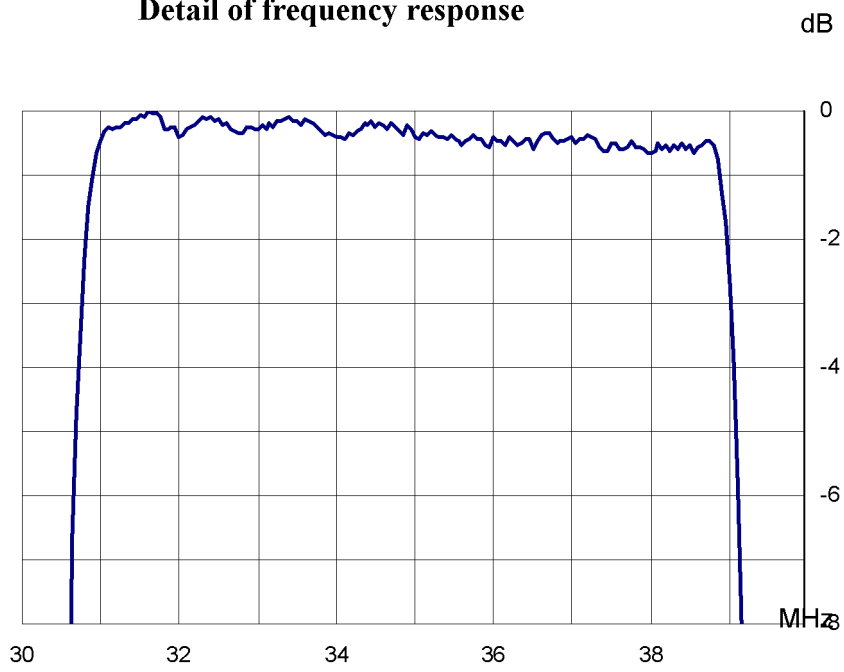


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Detail of frequency response



Group delay

