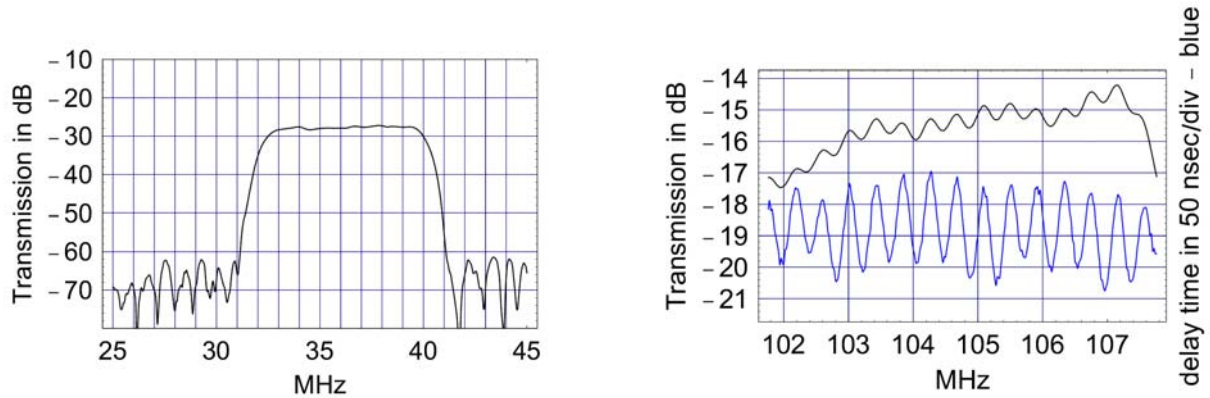




Data Sheet

HSW 4952 Filter

Typical Performance

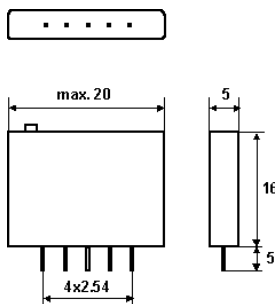


Specifications

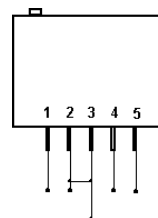
HSW 4952	Frequency (MHz)	Amplitude (dB)
Insertion loss	37.40	max. 30.0
Ripple within bandwidth *	33.4 - 38.9	max. ± 0.4
Deviation within bandwidth *	33.4 - 38.9	max. 1.2
Relative attenuation *	39.65	-0.5 ... 1.5
	33.15	-0.5 ... 1.5
	30.9	min. 36.0
	41.4	min. 36.0
Side lobe rejection *	25.0 - 30.9	min. 34.0
	41.5 - 45.0	min. 30.0
Group delay	34.0 - 39.6	± 35 ns.
Temperature coefficient	typ: -72 ppm/ $^{\circ}$ C	
Package:	SIP5 plastic	
Test conditions	T= 25° C	
Input drive impedance	50 Ω	
Load impedance	75 Ω	

* Referred to the point of 37.4 MHz

Package Outline



Matching Configuration



- 1 Input
- 2 Input – ground
- 3 Ground
- 4 Output
- 5 Output