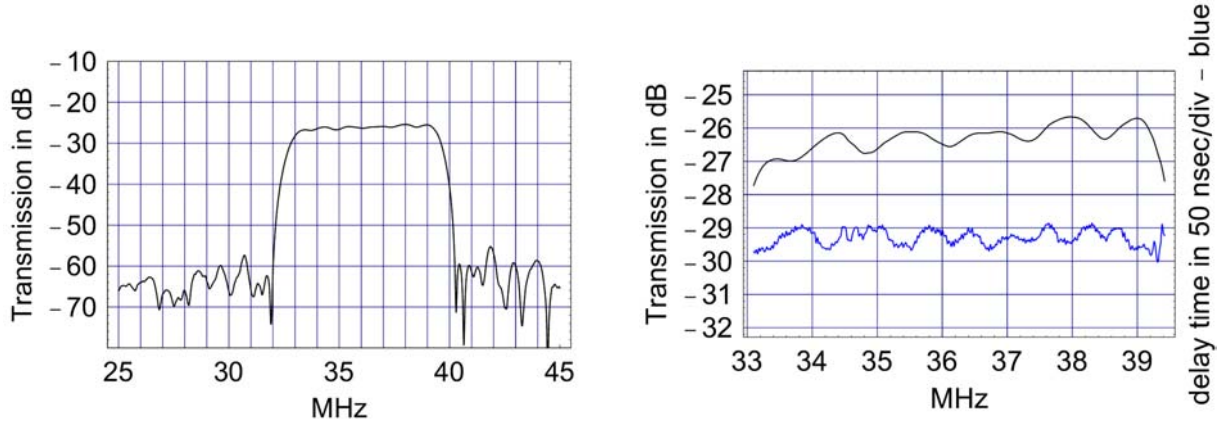




Data Sheet

HSW 4903 Filter

Typical Performance

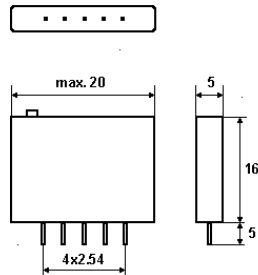


Specifications

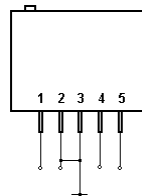
HSW 4903	Frequency (MHz)	Amplitude (dB)
Insertion loss	38.9	max. 27.0
Ripple within bandwidth *	33.4 - 38.9	max. ± 0.4
Deviation within bandwidth *	33.4 - 38.9	max. 1.4
Relative attenuation *	39.65	3.5 - 4.6
	33.15	1.0 - 2.0
	31.90	min. 40.0
	40.15	min. 18.0
	40.40	min. 40.0
Side lobe rejection *	25.0 - 31.9	min. 34.0
	40.4 - 45.0	min. 30.0
Group delay	± 35 ns.	
Temperature coefficient	typ: -72 ppm/ $^{\circ}$ C	
Package:	SIP5 plastic	
Test conditions	T=25 $^{\circ}$ C	
Input drive impedance	50 Ω	
Load impedance	50 Ω	

* Referred to the point of 38.9 MHz

Package Outline



Matching Configuration



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