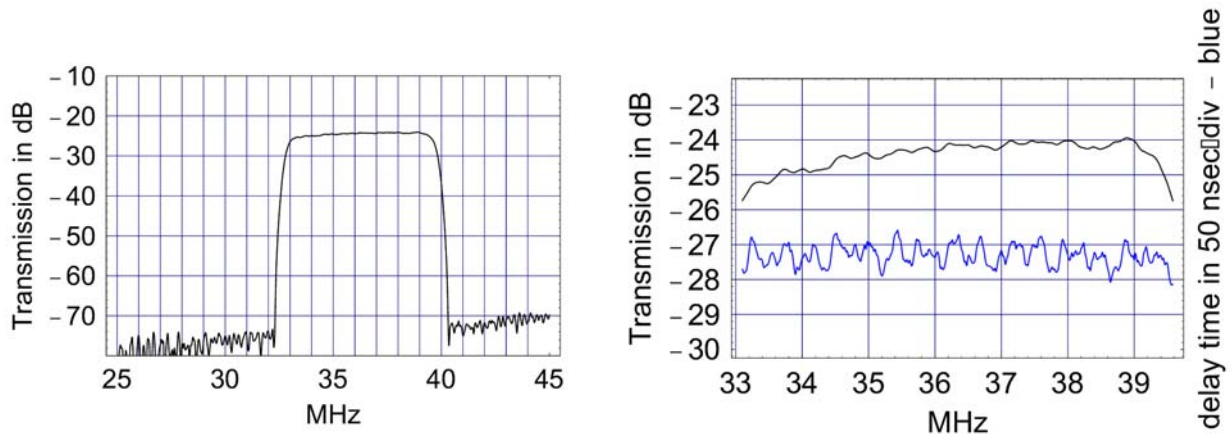




## Data Sheet

## HSW 21 Vestigial Sideband Filter

### Typical Performance



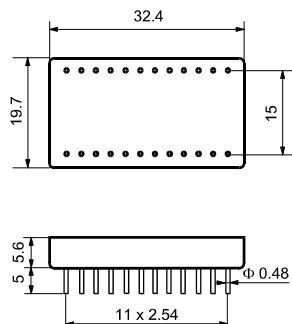
### Specifications

The levels given refers to the point of 38.9 MHz

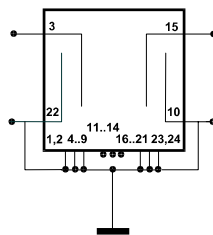
	Frequency(MHz)	Minimum	Typical	Maximum
Insertion Loss (dB)	38.90	-	23	25
Passband Variation (dB)	33.8-39.0	-	0.5	0.8
Relative Attenuation (dB)	39.65	-	2	2.5
	32.4	28	30	-
	40.4	40	50	-
	31.9	40	50	-
Side Lode Rejection (dB)	25-30.9	40	50	-
	40.4-45	40	50	-
Group Delay Variation (ns)	32.8-39.6	-	±30	±35
Temperature Coefficient ppm/°C)			-90	

Package: DIP 24

### Package Outline



### Matching Configuration



### Test conditions:

$T_A=25^\circ\text{C}$   
Input drive impedance: 50 Ohm  
Load impedance: 50 Ohm