1. General

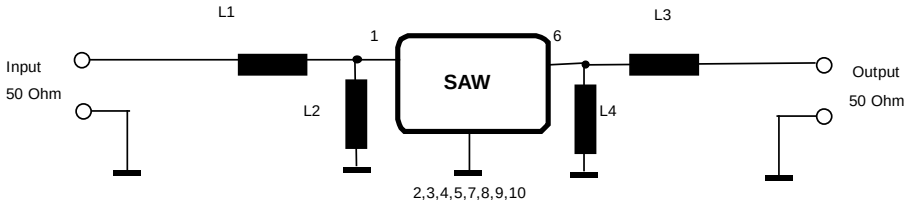
The filter is designed for single ended use at the input and at the output.It is matched to 50 Ω.

The terminating impedances are

Input : 560Ω || - 5,9 pF
Output: 500Ω || - 6,3 pF

The matching element values given below are calculated from the terminating impedances. If the values of the matching elements are not equal to standard values the best standard values are given in brackets. Because these are theoretical values they have to be modified on PCB's corresponding to the existing parasitics.

2. Theoretical matching to 50 Ω single ended



The theoretical values of the stated elements are:

L1 = 110 nH (100nH) L3 = 100 nH
L2 = 170 nH (180 nH) L4 = 170 nH (180 nH)

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