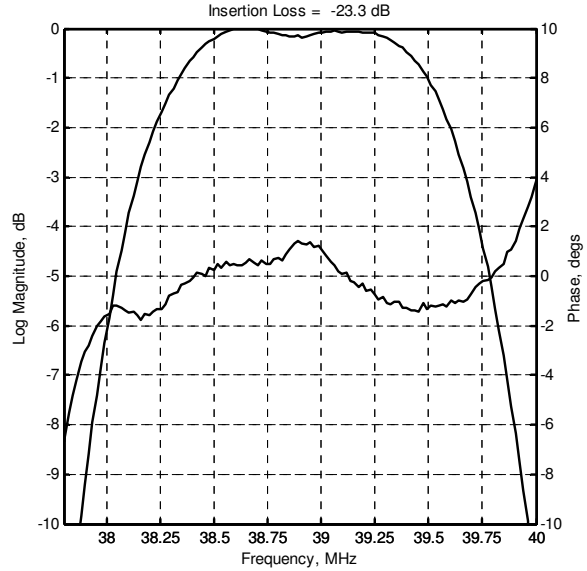
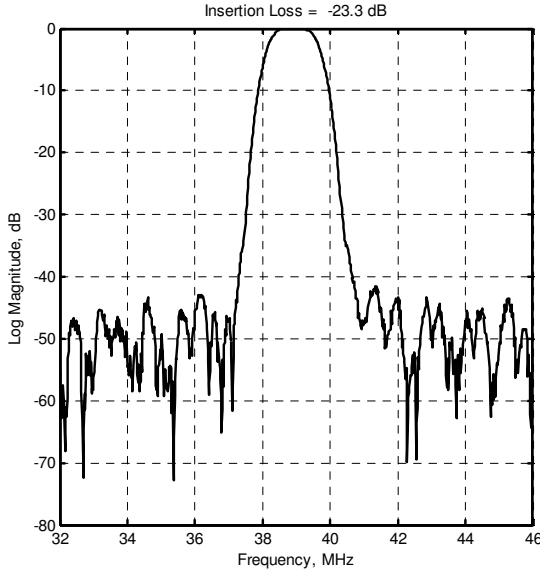


Typical Performance



Specifications

Parameter	Unit	Min	Typ	Max	Note
Center Frequency $f_o$	MHz	38.812	38.912	39.012	
Insertion Loss at $f_o$	dB		23.3	25	Unmatched, 75 $\Omega$
3 dB Bandwidth	MHz	1.4	1.525		
30 dB Bandwidth	MHz		2.85	3	
Attenuation	dB				
30-36.26 MHz		40	43		
36.26-37.30 MHz		37	40		
40.60-41.40MHz		37	40		
41.40-50 MHz		39	42		
Group Delay Variation	nsecs		90	150	At 3 dB bandwidth
Phase Linearity	degs		3.5	5	At 3 dB bandwidth
Substrate Material			112° LiTaO <sub>3</sub>		
Temperature Shift	ppm/°C		-25		
Operating Temperature	°C	-40	25	+85	
Storage Temperature	°C	-40	25	+85	
Package Size	mm		11.4 x 5.3		SMD

Matching Configuration

Source/Load  
Impedance=75  $\Omega$

