

## SF1002 Series

### 140 MHz 40kHz SAW Filter

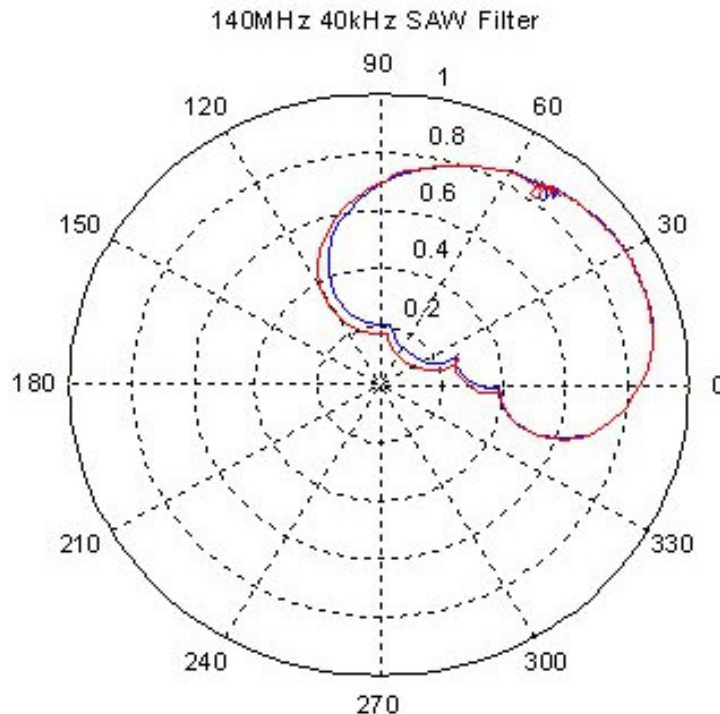
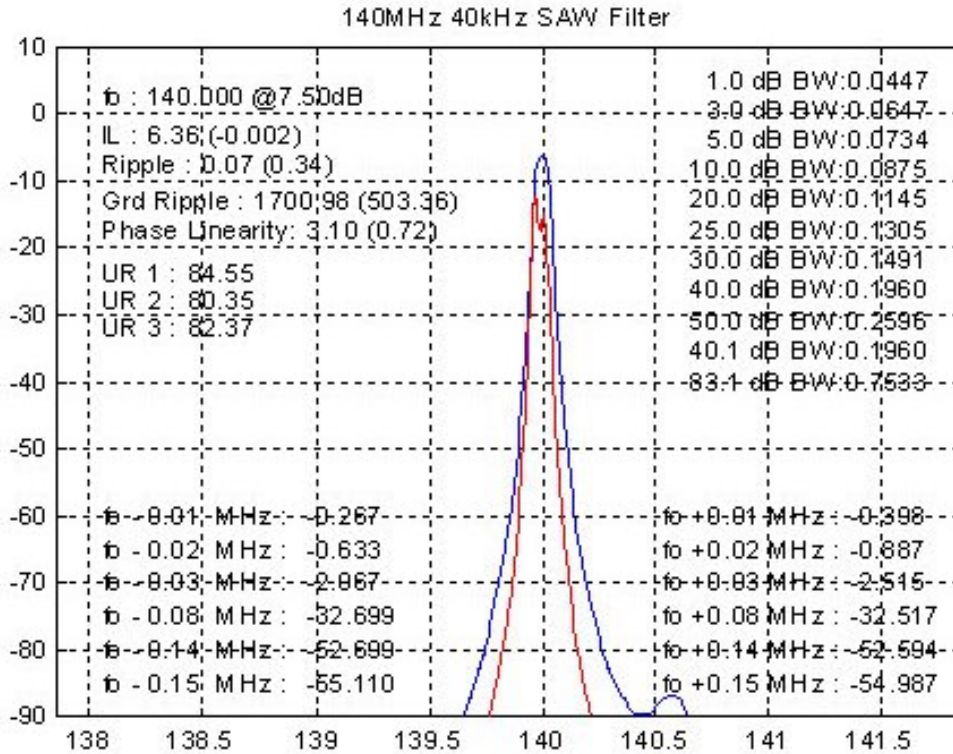
- Specifications



	Unit	Min.	Typical	Max
Center Frequency, Fc	MHz		140	
Insertion Loss with matching circuit	dB		6.5	7.0
3 dB Bandwidth	kHz	±20	±32	
40 dB Bandwidth	kHz		±100	±125
Group Delay Ripple				
Fc ± 20 kHz	Usec		1.5	2
Passband Ripple				
Fc ± 15 kHz	P-P dB		0.5	1.5
Operating Temperature	°C	-32	25	+71
Package	mm <sup>3</sup>	7.0 x 5.0 x 1.6		

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- Simulation Plot (sf140\_001\_r.s2p,sf140\_001\_m.s2p)



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