



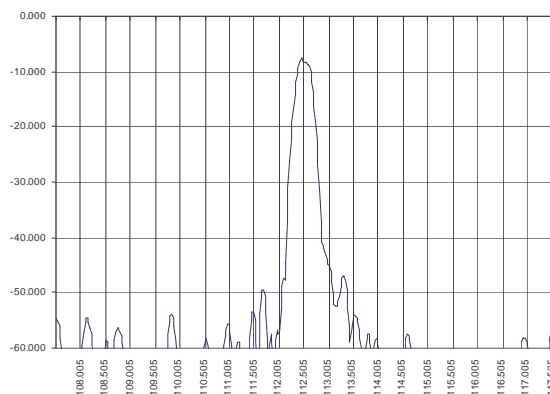
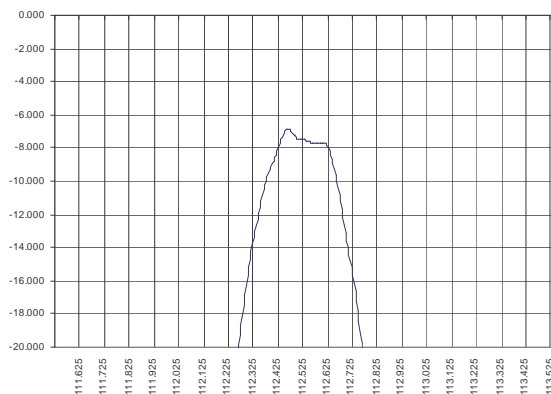
Low Loss SAW 112.53 MHz Filter

Bandwidth 0.195 MHz

AEC Part Number A161-112.53B1

PRELIMINARY DATA

Typical performance



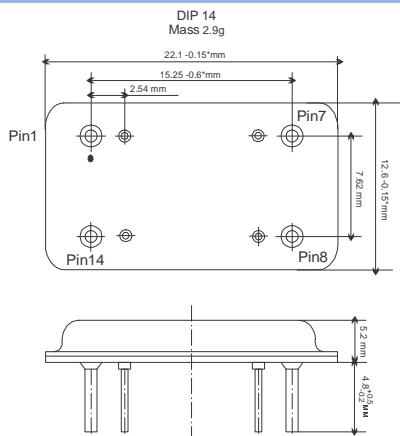
Specifications

Parameter	Unit	Min	Typ	Max
Central frequency (F0)	MHz	112.51	112.53	112.55
Inserted loss	dB	5	6	7
Bandwidth @-1dB	MHz	0.18	0.195	0.2
Bandwidth @-40dB	MHz	-	0.98	-
Attenuation @F0-910kHz	dB	-	-61	-
Attenuation @F0+910kHz	dB	-	-54	-
Amplitude ripple	dB	-	1	-
Ultimate rejection	dB	-	70	-
Substrate			36YXQ	
Temperature range	$^{\circ}\text{C}$	-55		85

Notes:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

Case



Matching

