

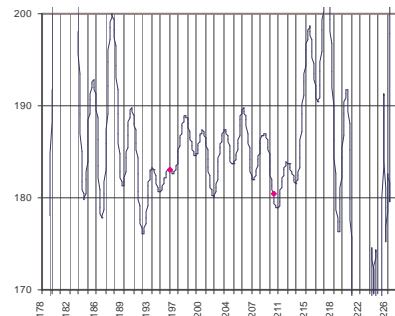
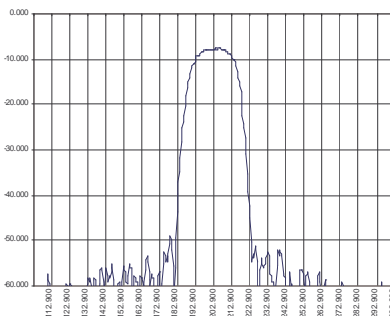
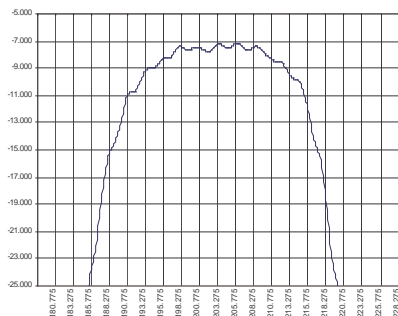
Low Loss SAW 203.4 MHz Filter

Bandwidth 14 MHz

AEC Part Number AE55140H-203.4

PRELIMINARY DATA

Typical performance



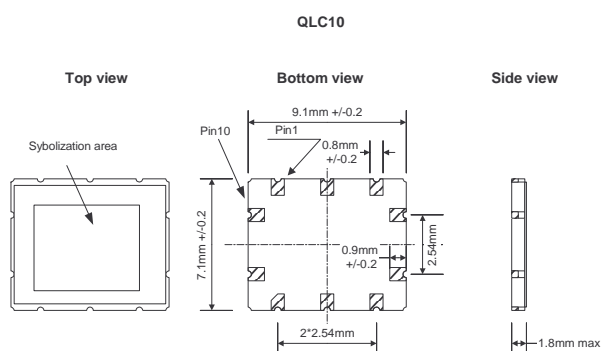
Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	203.15	203.4	203.55
Inserted loss (matched)	dB	-	8.0	10.0
Bandwidth @-1.0dB	MHz		14	
Bandwidth @-35dB	MHz	-	42.0	-
Amplitude ripple	dB	-	-	1.0
Group Delay Ripple @f0+/-7MHz	nsec		+/-5.5	-
Ultimate rejection	dB	45.0	-	-
Substrate		-	128 XY LiNbO3	-
Temperature range	°C	-55		85

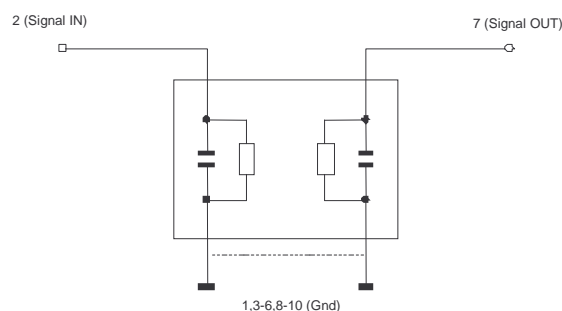
Notes:

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



Inductor 39 nH on input port, inductor 68 nH on output port $Z_{in}=Z_{out}=50$

Matching elements depends on PCB