



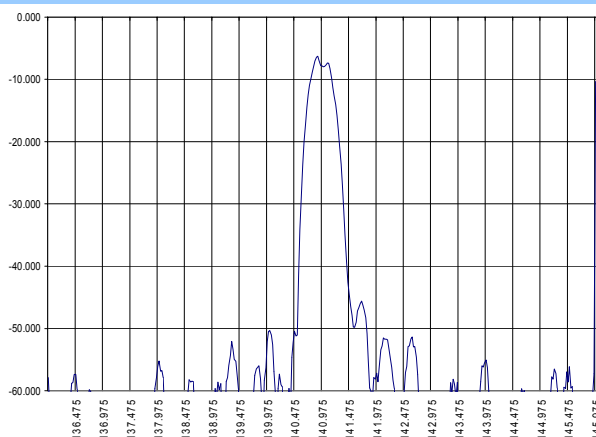
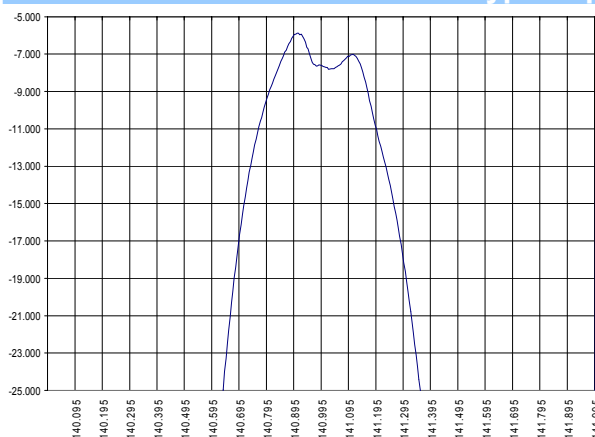
Low Loss SAW Filter 141 MHz

Bandwidth 0.35 MHz

AE1580H-141

PRELIMINARY DATA

Typical performance



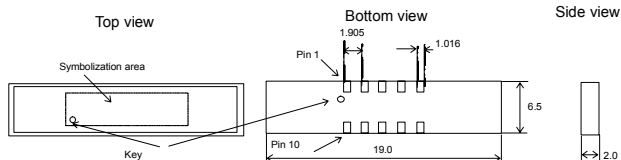
Specifications

Parameter	Unit.	Min	Typ	Max
Central frequency	MHz	141	141	141.02
Inserted loss	dB	-	6.0	6.5
Bandwidth @-3 dB	MHz	0.34	0.35	-
Bandwidth @-40 dB	MHz	-	1.0	1.02
Amplitude ripple*	dB	-	0.4	0.5
Phase ripple	deg	-	8	-
Ultimate rejection	dB	39	40	-
Substrate		-	YX+36 Quartz	-
Temperature range	$^{\circ}\text{C}$	-20	-	45

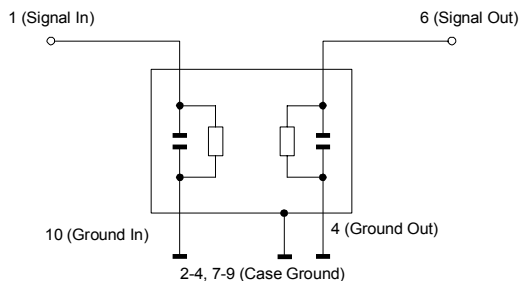
Примечание:

1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Between nearest 10 kHz points
3. Specification valid for measurements in AEC test fixture

Case



Matching



$Z_{in}=Z_{out}=50\ \Omega$
 Parallel inductor 27 nH and series capacitor 6.2 pF at the input port
 Parallel inductor 51 nH and series capacitor 6.2 pF at the output port