



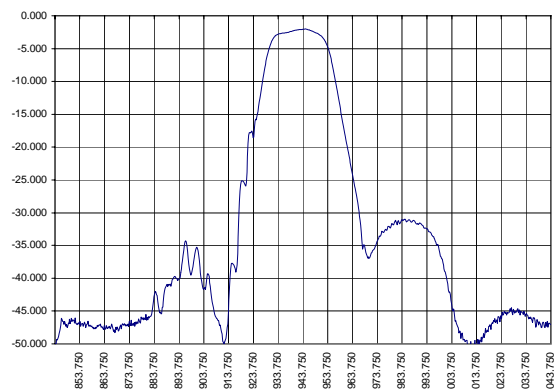
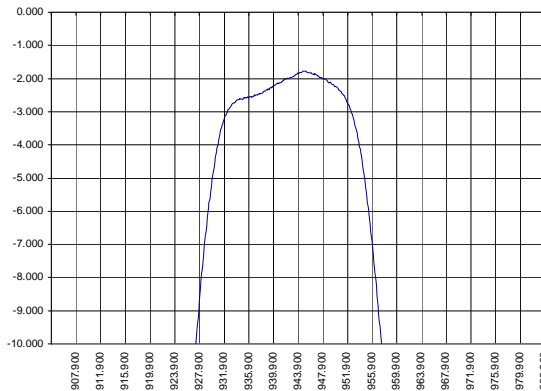
SAW 944 MHz Filter

Bandwidth 19.0 MHz

AEC Part Number AE4531H-944

PRELIMINARY DATA

Typical performance



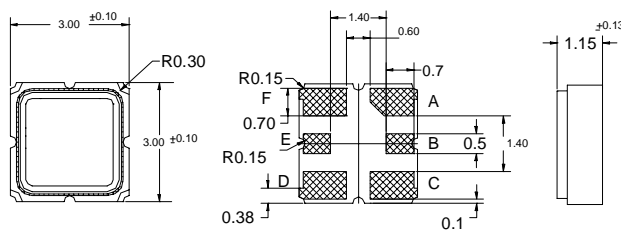
Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	943.0	944.0	945.0
Inserted loss (unmatched)	dB	-	1.8	3.0
Bandwidth @-1dB	MHz	18.0	19.0	-
Bandwidth @-40dB	MHz	-	114	-
Amplitude ripple	dB	-	0.5	1.5
Ultimate rejection	dB	-	45	-
Substrate			36 YX LiTaO ₃	
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

