



Low Loss SAW 172.5 MHz Filter

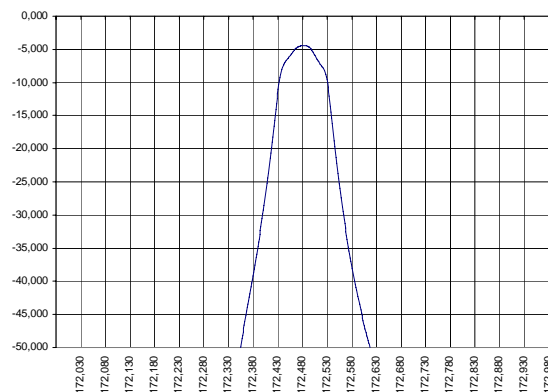
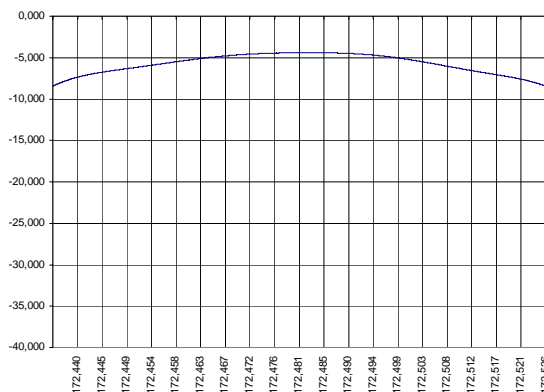
Bandwidth 0.080 MHz

AEC Part Number A345-172.5M2

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

Typical performance



Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	172.480	172.500	172.520
Inserted loss (unmatched)	dB	3.7	4	5
Bandwidth @-3dB	MHz	0.070	0.080	0.085
Bandwidth @-40dB	MHz	0.55	0.6	0.7
Amplitude ripple	dB	0.22	0.23	0.25
Ultimate rejection	dB	-	60	-
Substrate			36Quartz	
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

