

Low Loss SAW 172.5 MHz Filter

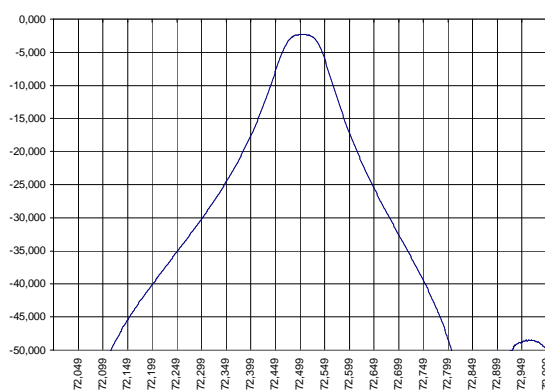
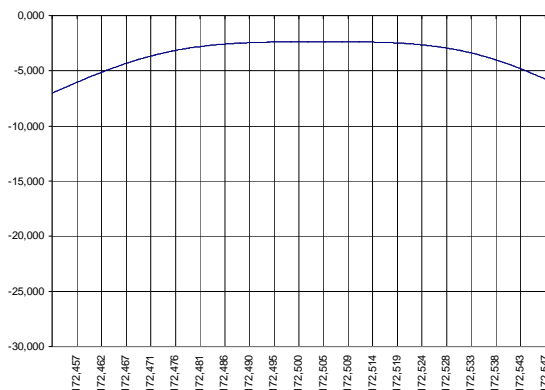
Bandwidth 0.080 MHz

Part Number A345-172.5M1

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	2.2	2.5	3.2
Bandwidth @-3dB	MHz	0.070	0.080	0.085
Bandwidth @-40dB	MHz	0.55	0.6	0.7
Amplitude ripple	dB	-	0.5	1
Ultimate rejection	dB	-	55	-
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 Design test fixture

Case

Matching

SIP6M

