



Low Loss SAW 44.893 MHz Filter

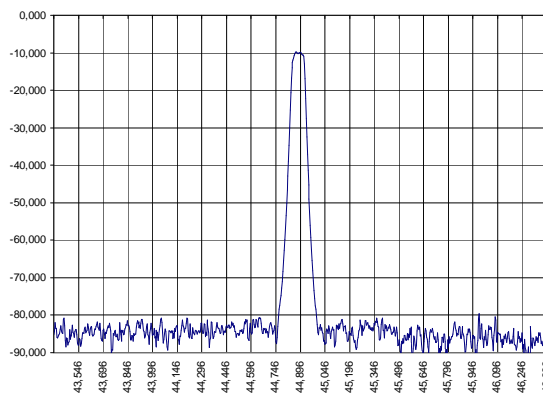
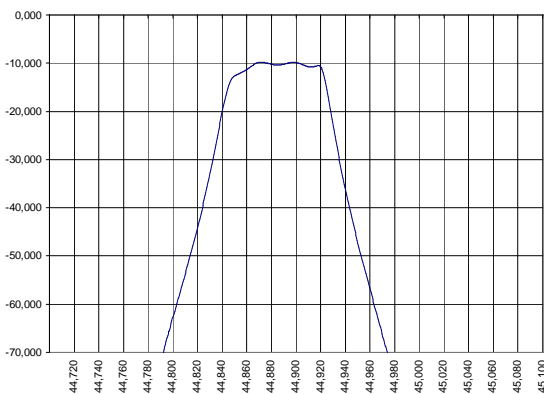
Bandwidth 55 KHz

Part Number A311-44.893M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

Typical performance



Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	44.888	44.893	44.898
Inserted loss (unmatched)	dB	9	10.5	13
Bandwidth @-1dB	MHz	0.050	0.055	0.060
Bandwidth @-45dB		0.145	0.15	0.16
Group delay (Central frequency)	mksec	-	16.7	-
Ultimate rejection	dB		85	
Substrate			36 YX quartz	
Temperature range	°C	-40		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

