

Low Loss SAW 26.97 MHz Filter

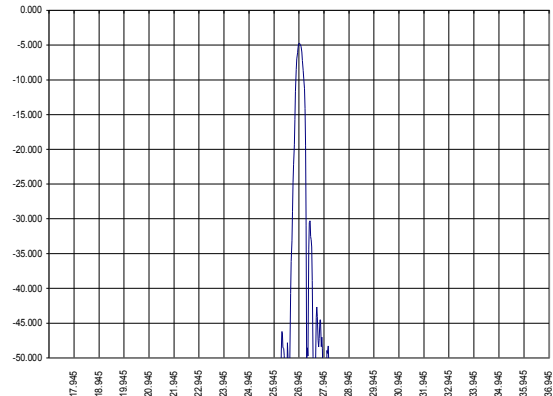
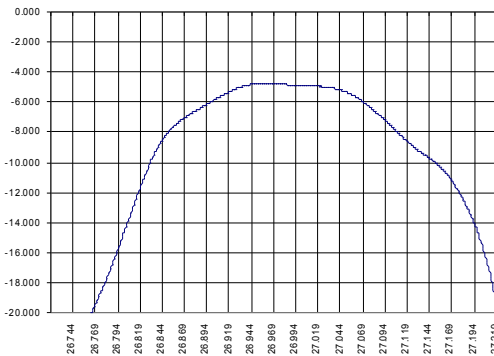
Bandwidth 0.25 MHz

Part Number A188-26.97M1

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

Typical performance



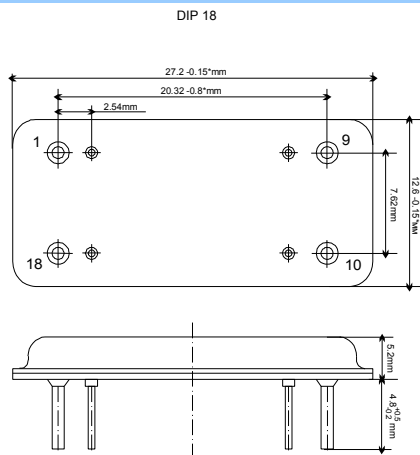
Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	26.95	26.97	26.99
Inserted loss (unmatched)	dB	4.0	4.5	5.5
Bandwidth @-3dB	MHz	-	0.25	-
Bandwidth @-35dB	MHz	-	0.87	-
Amplitude ripple	dB	-	1	-
Ultimate rejection	dB	-	-50	-
Substrate	-	-	128LNO	-
Temperature range	°C	-55	22	85

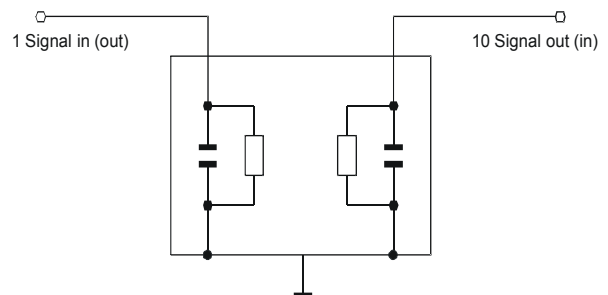
Notes:

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



All others - Case ground
 Matching required:
 Parallel inductor 470 nH, series capacitor 91pF
 Matching condition depends on PCB layout.
 $Z_{in} = Z_{out} = 50 \text{ Ohm}$