

# Low Loss SAW Filter 40.72 MHz Filter

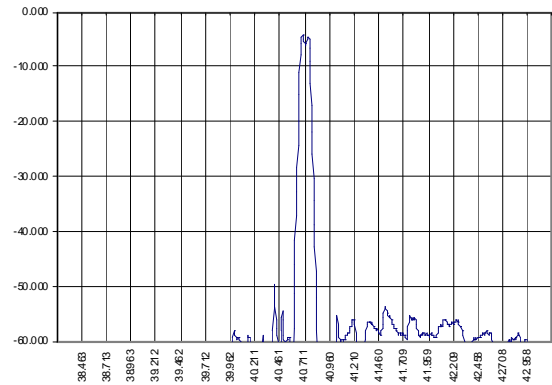
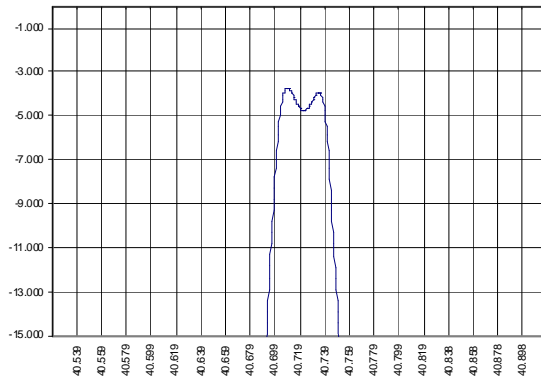
**Bandwidth 0.095 MHz**

**Part Number A180-40.72M1**

Complies with Directive 2002/95/EC (RoHS)

PRELIMINARY DATA

## Typical performance



## Specifications

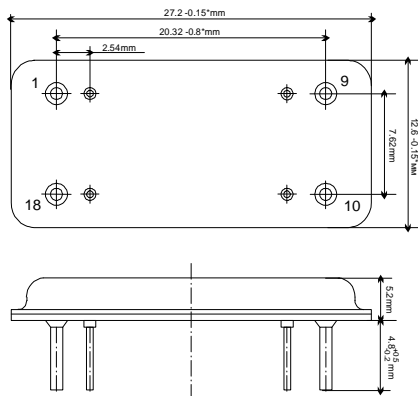
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	40.715	40.720	40.725
Inserted loss (unmatched)	dB	5	6	7
Bandwidth @-3dB	MHz	-	0.095	-
Bandwidth @-40dB	MHz	-	0.21	0.22
Amplitude ripple	dB	-	-	3.0
Ultimate rejection	dB	-	60	-
Substrate			36 YX quartz	
Temperature range	°C	-55		85

### Notes:

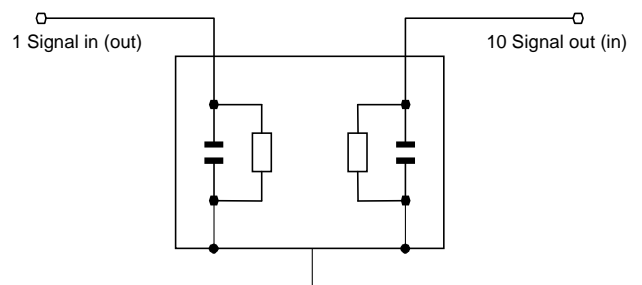
1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

## Case

DIP 18



## Matching



All others - Case ground  
 $Z_{in}=Z_{out}=50 \text{ Ohm}$   
 Matching: series capacitor (9-60)pf and parallel inductor 1120 nH at input/output port