

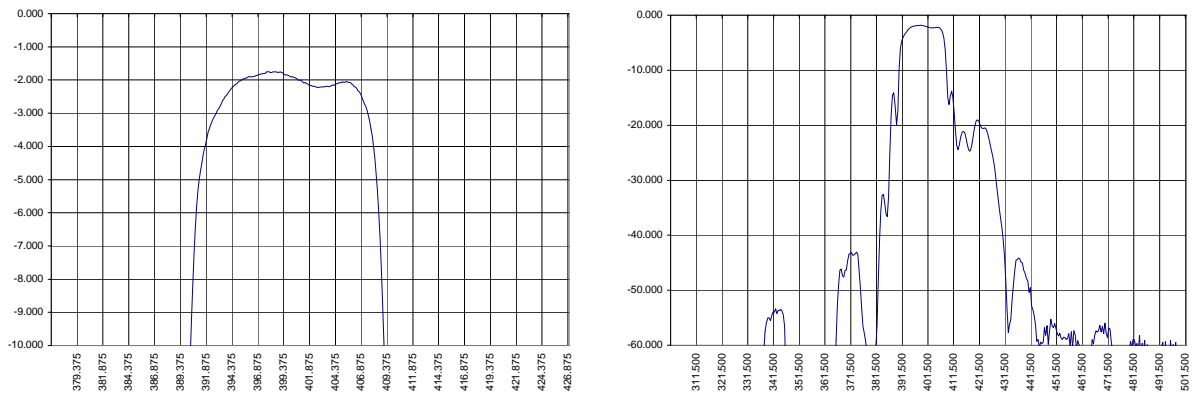
## Low Loss SAW 400 MHz Filter

Bandwidth 16 MHz

AEC Part Number AE5555M-400

PRELIMINARY DATA

### Typical performance



### Specifications

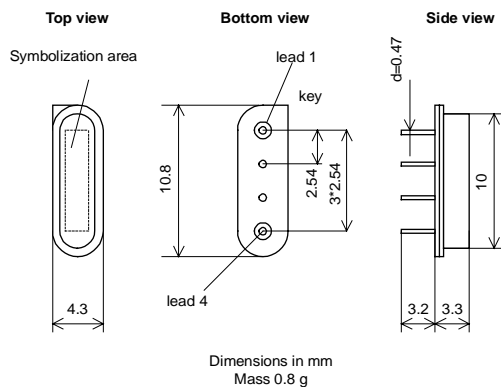
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	399.20	400.00	400.80
Inserted loss (unmatched)	dB	-	1.7	2.0
Bandwidth @ -2dB	MHz	-	16.0	-
Bandwidth @ -40dB	MHz	-	49.0	-
Amplitude ripple	dB	-	0.9	1.6
Ultimate rejection	dB	40.0	50.0	-
Substrate		-	64 YX LiNbO <sub>3</sub>	-
Temperature range	°C	-55		85

#### Notes:

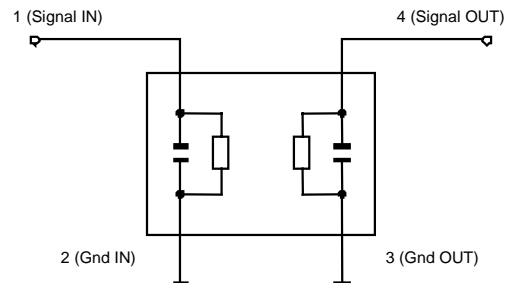
- The design, manufacturing process, and specifications of this filter are subject to change.
- Specification valid for measurements in AEC test fixture

### Case

#### SIP4M



### Matching



$Z_{in}=Z_{out}=50 \text{ Ohm}$

No matching required