



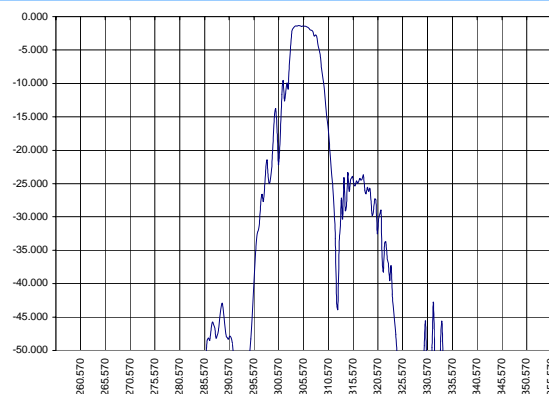
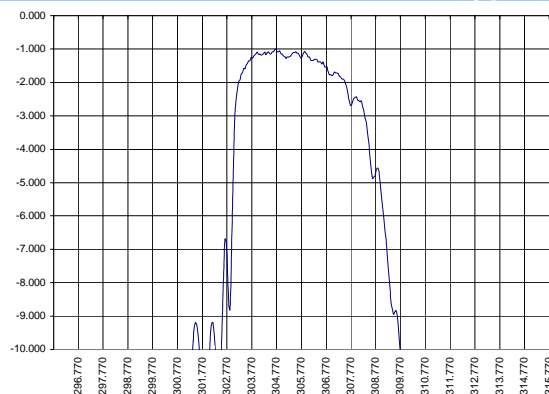
Low Loss SAW 305.82 MHz Filter

Bandwidth 5.15 MHz

AEC Part Number AE4553M-305.82

PRELIMINARY DATA

Typical performance



Specifications

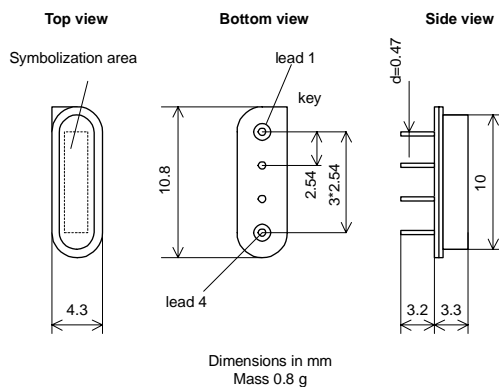
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	305.52	305.82	306.12
Inserted loss (unmatched)	dB	1.0	1.2	1.4
Bandwidth @-2dB	MHz	5.0	5.15	-
Bandwidth @-20dB	MHz	-	12.0	-
Bandwidth @-40dB	MHz	-	28	-
Amplitude ripple	dB	-	1.0	2.0
Ultimate rejection	dB	-	55	60
Substrate		-	36YXLTO	-
Temperature range	$^{\circ}\text{C}$	-55	22.5	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

SIP4M



Matching

