

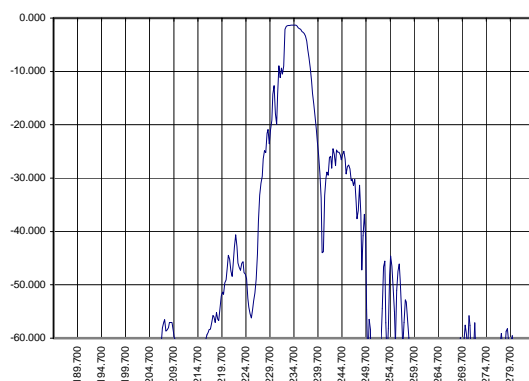
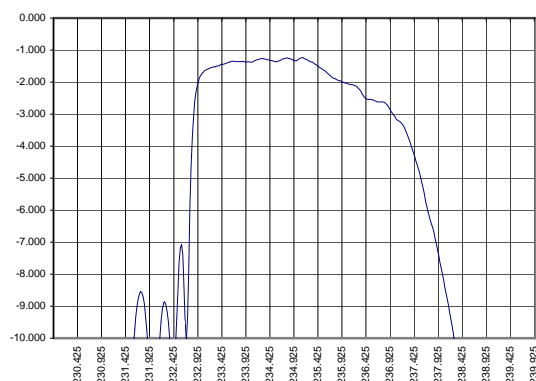
## Low loss 235.45 MHz SAW filter

**Bandwidth 4 MHz**

**AEC Part Number AE4553H-235.45**

PRELIMINARY DATA

### Typical performance



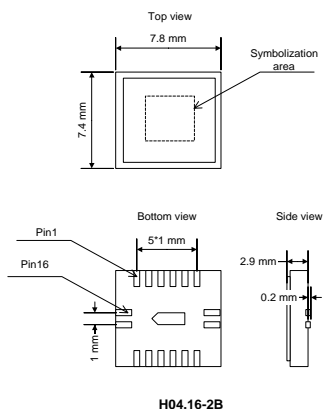
### Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	235.05	235.45	235.99
Inserted loss	dB	0.9	1.2	1.5
Bandwidth @-2dB	MHz	4	4.10	4.30
Bandwidth @-3dB	MHz	-	4.65	-
Bandwidth @-30dB	MHz	-	21.00	-
Amplitude ripple	dB	0.3	0.5	1.0
Ultimate rejection	dB	-	45.0	-
Substrate		-	36LTO	-
Temperature range	$^{\circ}\text{C}$	-55.0		85.0

#### 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



### Matching

