

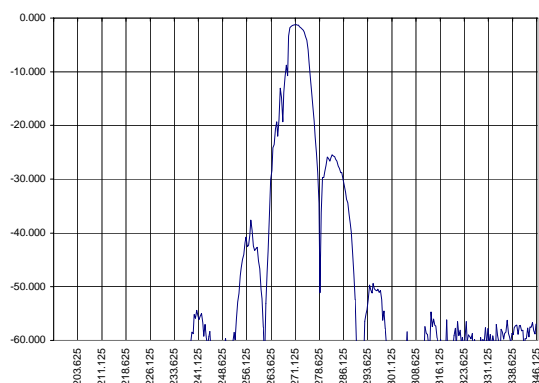
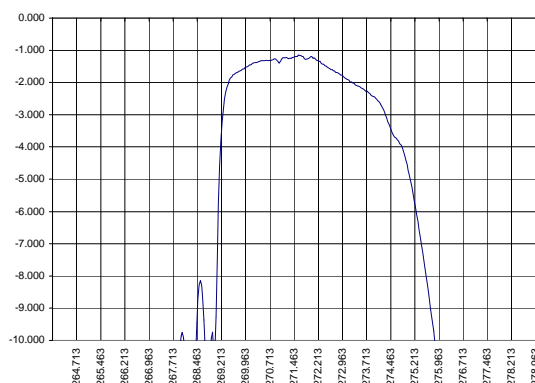
## Low loss 271.5 MHz SAW filter

Bandwidth 5.1 MHz

AEC Part Number AE4553H-271.5

Preliminary data

### Typical performance



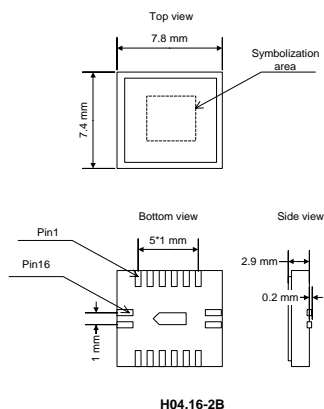
### Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	271.15	271.55	271.95
Inserted loss	dB	1.0	1.2	1.5
Bandwidth @-2dB	MHz	4.8	5.10	-
Bandwidth @-3dB	MHz	-	5.50	-
Bandwidth @-30dB	MHz	-	30.00	32.00
Amplitude ripple	dB	-	1.0	-
Ultimate rejection	dB	-	50.0	-
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

