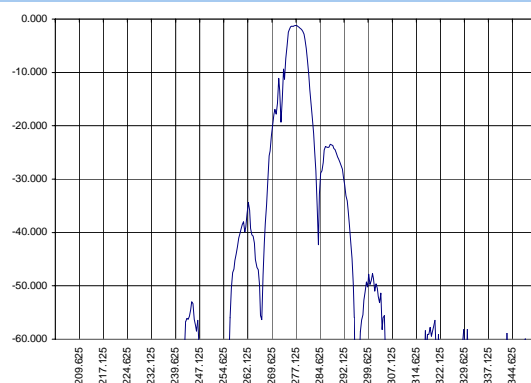
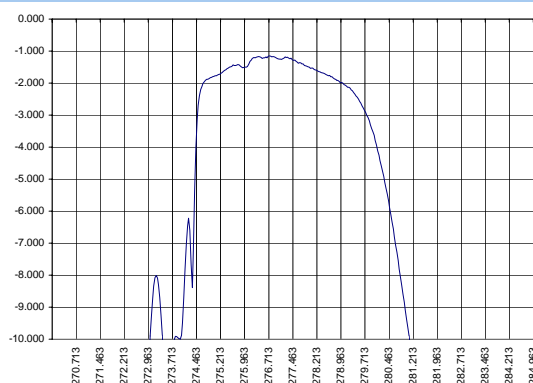


Low loss 277.5 MHz SAW filter

Bandwidth 5.1 MHz

AEC Part Number AE4553H-277.5
Preliminary data

Typical performance



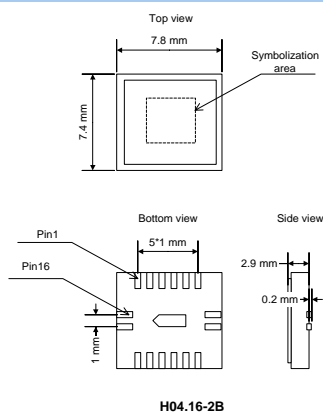
Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	277.10	277.50	278.00
Inserted loss	dB		1.2	1.5
Bandwidth @-2dB	MHz	5	5.10	5.50
Bandwidth @-3dB	MHz	-	6.00	-
Bandwidth @-40dB	MHz	-	34.00	35.50
Amplitude ripple	dB	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

