

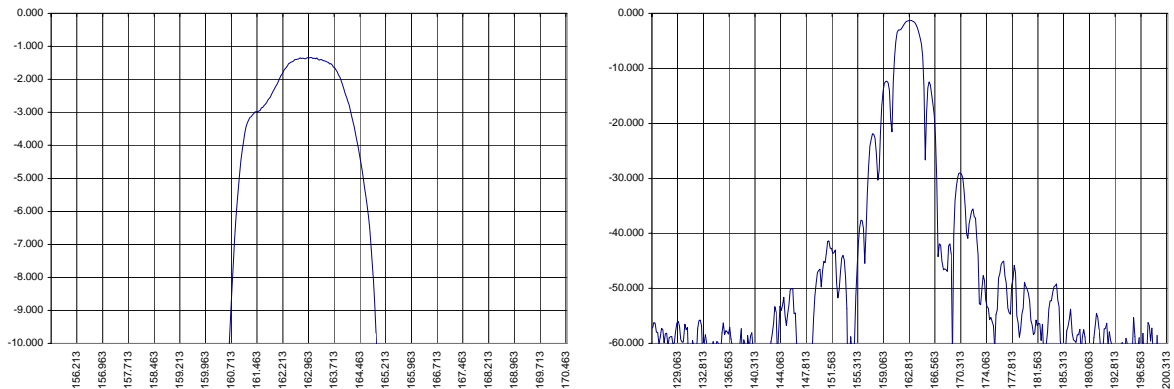


Low Loss SAW 163.00 MHz Filter

Bandwidth 3.11 MHz

AEC Part Number AE5522H-163.00

Typical performance

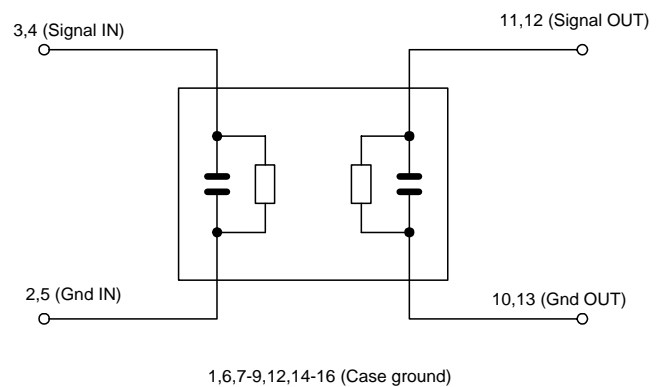
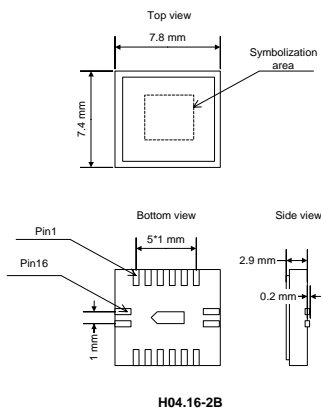


Specifications

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	148.25	148.50	148.75
Inserted loss	dB	1.1	1.4	2.0
Bandwidth @-2dB	MHz	-	3.11	-
Bandwidth @-3dB	MHz	-	3.45	-
Bandwidth @-40dB	MHz	-	17.30	-
Amplitude ripple	dB	1.0	1.5	2.0
Ultimate rejection	dB	-	50.0	60.0
Substrate		-	128 YX LiNbO ₃	-
Temperature range	°C	-55.0		85.0

Case

Matching



$Z_{in}=Z_{out}=50\ \Omega$
No matching required