

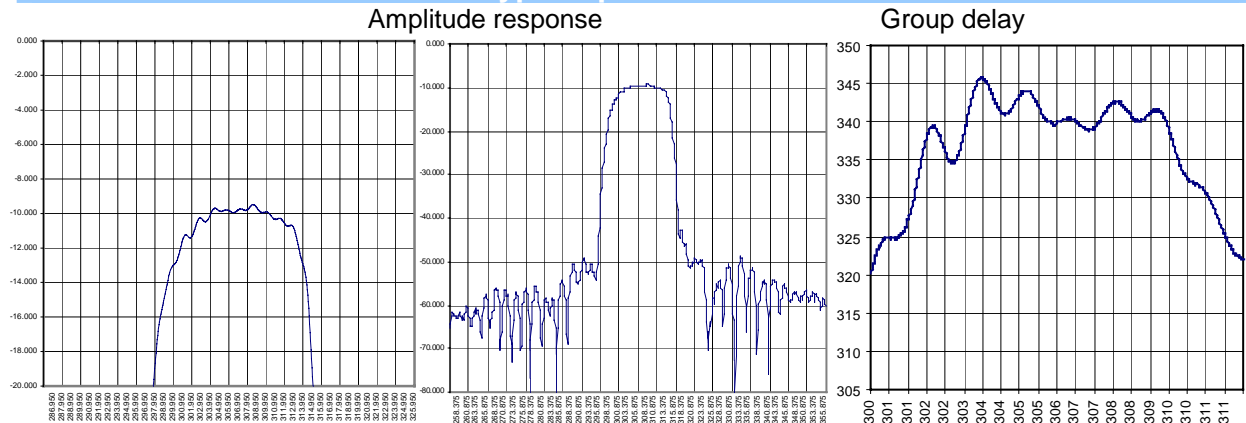
SAW 306 MHz Filter

Bandwidth 12.5 MHz

AEC Part Number AE5598H-306

PRELIMINARY DATA

Typical performance



Specifications

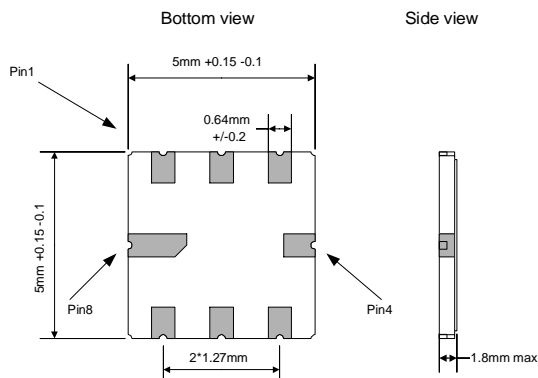
Parameter	Unit	Min	Typ	Max
Central frequency	MHz	305.00	306.00	307.00
Inserted loss	dB	8.0	9.0	10.0
Bandwidth @-2dB	MHz	-	12.5	-
Bandwidth @-35dB	MHz	-	22.5	-
Amplitude ripple	dB	-	-	1.0
Ultimate rejection	dB	45.0	-	-
Group Delay Time	nsec	-	-	30.0
Substrate			128 YX LiNbO3	
Temperature range	°C	-55		85

Notes:

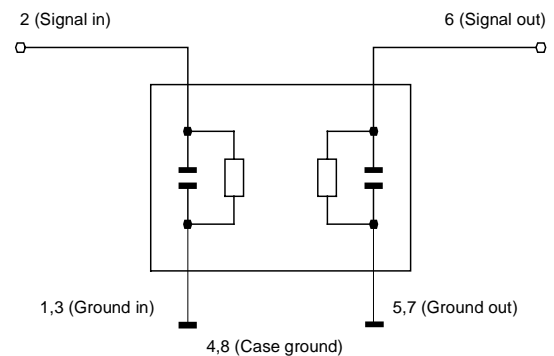
1. The design, manufacturing process, and specifications of this filter are subject to change.
2. Specification valid for measurements in AEC test fixture

Case

QCC8



Matching



Series Inductor 27 nH on input port