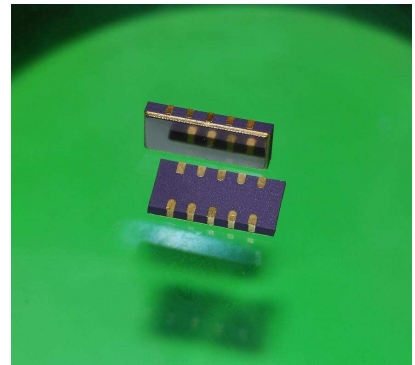


113.0 MHz SAW Filter
 Bandwidth 11.3 MHz

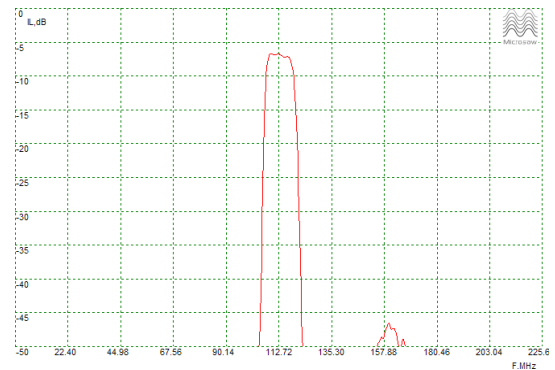
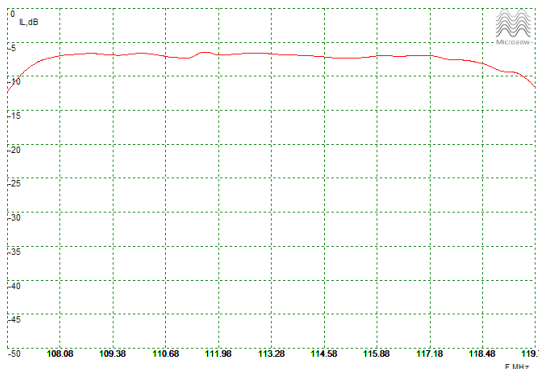
FEATURES

- Low Loss
- SMD package
- High selectivity
- 10% Bandwidth



PRELIMINARY DATA

Typical Performance



Specifications

Parameter	Unit	Min	Typ	Max
Center Frequency	MHz	112.85	113.0	113.15
Insertion loss	dB	-	6.4	7
Bandwidth@-2dB	MHz	-	11.3	-
Bandwidth@-39dB	MHz	-	17.8	-
Ultimate rejection	dB	-	50	-

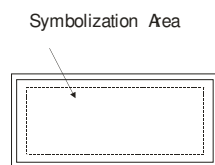
Notes

Microsaw OY reserves the right to make changes to the product and corresponding product specifications without notice. All data is valid for measurements in Microsaw OY test fixture under Measurement conditions: Ambient temperature 22 C deg, Input Power 0dBm, Input/Output impedance 50 Ohm. Maximum continuous power +5 dBm Amplitude ripple < 1.5 dB

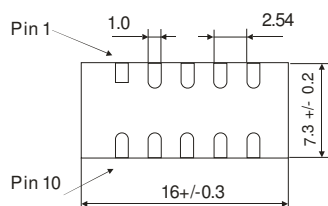
Case

DLCC10/10

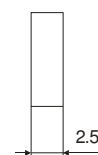
Top view



Bottom view

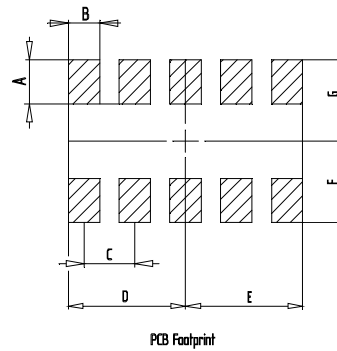


Side view



Package Footprint

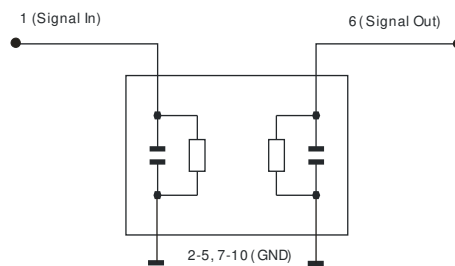
Dimension	mm		
	Min	Nom	Max
A		1.72	
B		1.12	
C	2.39	2.54	2.69
D		5.64	
E		5.64	
F		3.71	
G		3.71	



Matching circuit

$Z_{in}=Z_{out}=50\ \Omega$

No matching required



Additional information

Temperature Range -55.. + 85 C

Substrate 49LNO

Package DLCC10-10

MSL Rating not applicable. Hermetic package.

Complies with Directive 2002/95/EC (RoHS)

Important Warnings

Electric Sensitive Device

See soldering chart before using

See frequency shifts depending on temperature

Microsaw does not accept any liability for applications, which are implemented using the product. A statement about the suitability of the product for certain application ultimately incumbent on Customer to conclude whether the product is suitable for use in a particular application.

Links to Technical Information

Soldering profile: www.microsaw.fi/pdf/soldering-chart.pdf

Frequency shifts: www.microsaw.fi/pdf/frequency-shifts-table.pdf

Links to Company Information

Services: www.microsaw.fi/servicesandprices.php

Contacts: www.microsaw.fi/contacts.php