

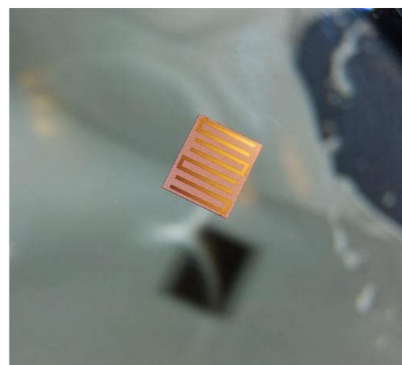
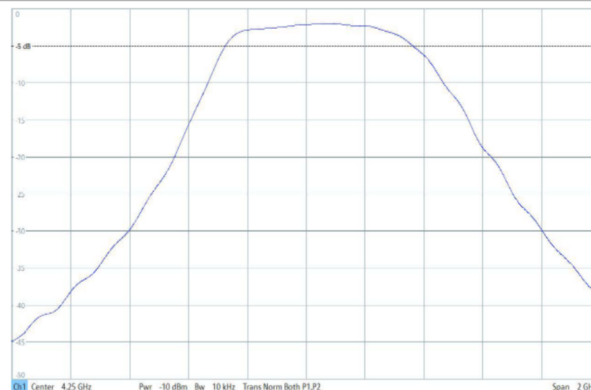
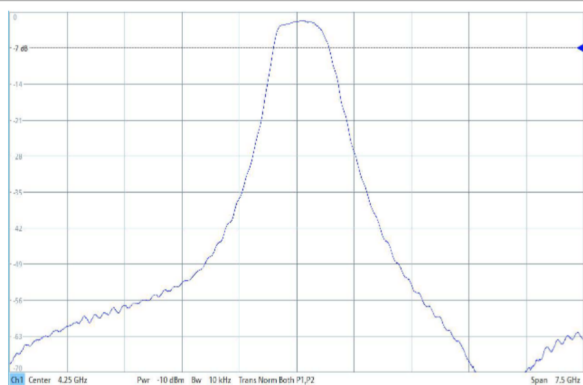
4250 MHz Microwave Filter

Bandwidth 450 MHz

Features

Low Loss
High stability
Low cost

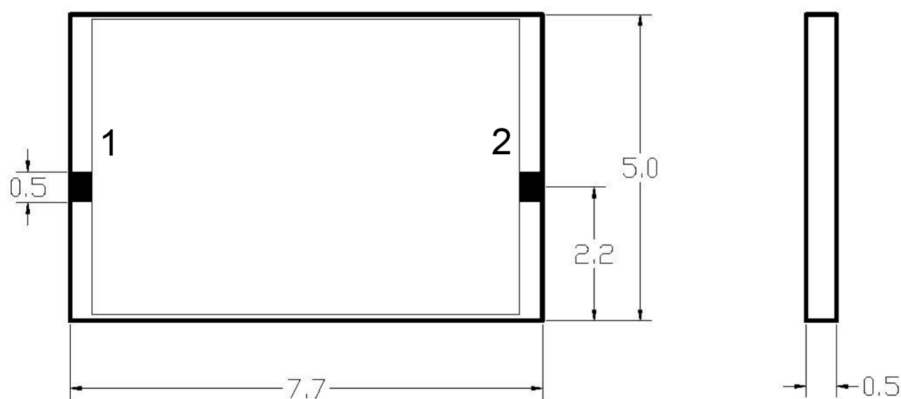
PRELIMINARY DATA

**Typical Performance****Electrical Specification**

Parameter	Unit	Min	Typ	Max
Central frequency	MHz	4200	4250	4275
Inserted loss (unmatched)	dB	-	2.0	3.0
Bandwidth @-1 dB	MHz	400	450	-
Bandwidth @-25 dB	MHz	-	1250	-
Amplitude ripple	dB	-	1	-
Ultimate rejection	dB	-	50	-
GD Ripple @BW	ns	-	.5	-

Notes

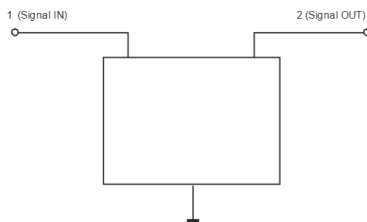
1. Microsaw reserves the right to make changes to the product and corresponding product specifications without notice. All data is valid for measurements in Microsaw's test fixture under Measurement Conditions: Ambient Temperature 22 °C, Input Power 0 dBm, Input/Output Impedance 50 Ohm

Package

Matching Circuit

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

No matching required



Additional Information

Temperature range -55.. + 85C

Substrate Al_2O_3

Package

Important Warnings

Electric Sensitive Device

See soldering chart before using

See frequency shifts depending on temperature

Links to Technical Information

Soldering profile: www.microsaw.fi/pdf/soldering-chart.pdfFrequency shifts: www.microsaw.fi/pdf/frequency-shifts-table.pdf

Links to Company Information

Services: www.microsaw.fi/serviceandprices.phpContacts: www.microsaw.fi/contacts.php