



# APPROVAL SHEET

Approval Specification	Customer's Approval Certificate
<b>TO:</b>	Please return this copy as a certification of your approval
<b>Part No.:</b>	<b>Checked &amp; Approved by:</b>
<b>Customer's Part No.:</b>	<b>Date:</b>

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<b>Prepared by:</b>	
<b>Checked by:</b>	
<b>Approved by:</b>	



**Performance****Maximum Rating**

Item		Value	Unit
DC Voltage	$V_{DC}$	3	V
Operation Temperature	T	-40 ~ +85	°C
Storage Temperature	$T_{stg}$	-55 ~ +125	°C
RF Power Dissipation	P	15	dBm

**Electronic Characteristics**

Test Temperature:  $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$

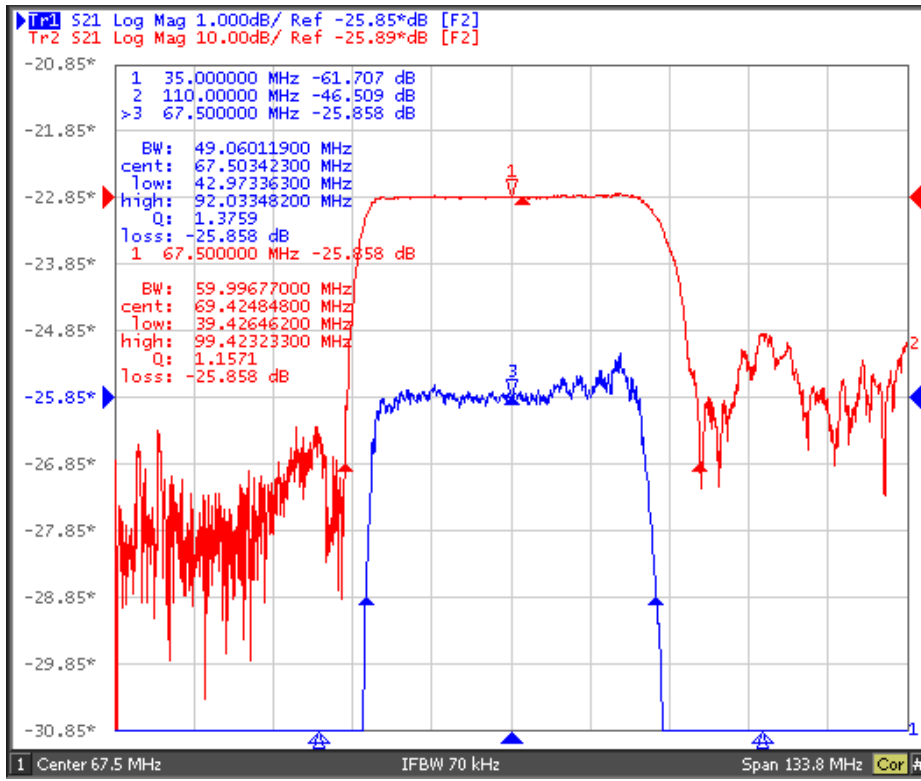
Terminating source impedance:  $50\Omega$

Terminating load impedance:  $50\Omega$

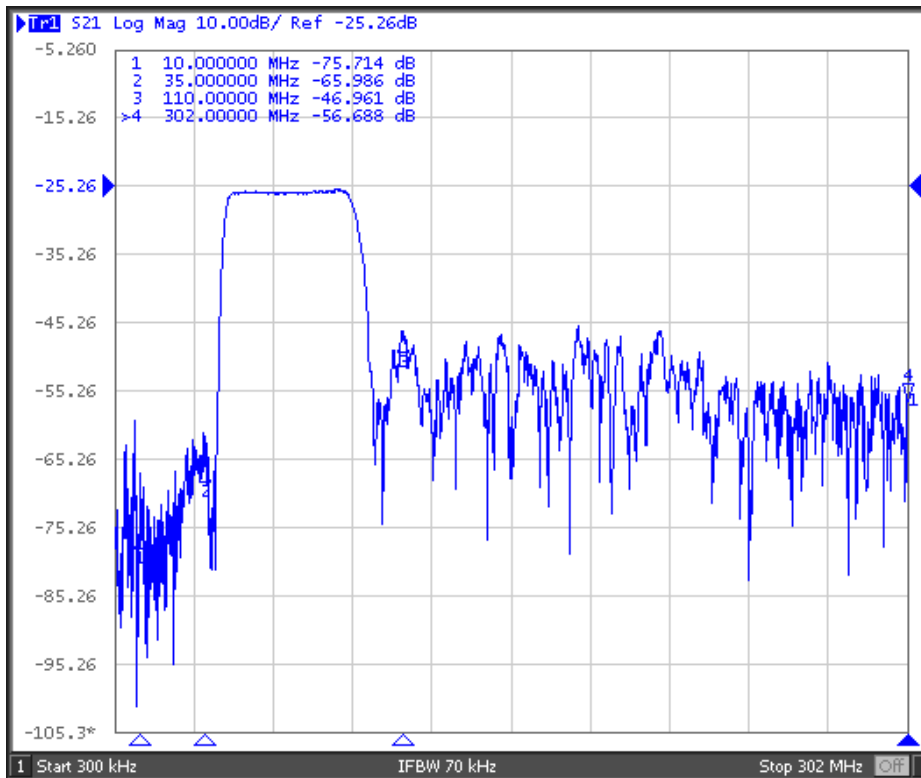
Item		Minimum	Typical	Maximum	Unit
Center Frequency	fc		67.5		MHz
Insertion Loss(min)	IL		26.0	33.0	dB
1 dB Bandwidth	@67.5 MHz $BW_{1dB}$	45.1	46.2		MHz
3 dB Bandwidth	@67.5 MHz $BW_{3dB}$	45.5	49.1		MHz
40 dB Bandwidth	@67.5 MHz $BW_{40dB}$		60.0	65.0	MHz
Amplitude Ripple (p-p)	$\Delta a$		1.0		dB
Absolute Group Delay	@67.5 MHz AD		0.74		$\mu\text{s}$
Absolute Attenuation	a				
	10.00 – 35.00 MHz	30.0	35.0		dB
	110.00 - 302.00 MHz	20.0	22.0		dB

Frequency Characteristics

Frequency Response



Frequency Response (wideband)





**Notes**

1. As a result of the particularity of inner structure of SAW products, it easy to be breakdown by electrostatic, so we should pay attention to **ESD protect** in the test.
2. **Static voltage** between signal load and ground may cause deterioration and destruction of the component. Please avoid static voltage.
3. **Ultrasonic cleaning** may cause deterioration and destruction of the component. Please avoid ultrasonic cleaning.
4. Only leads of component may **be soldered**. Please avoid soldering another part of component.
5. There is a close relationship between the device's performance and **matching network**. The specifications of this device are based on the test circuit shown above. L and C values may change depending on board layout. Values shown are intended as a guide only.