

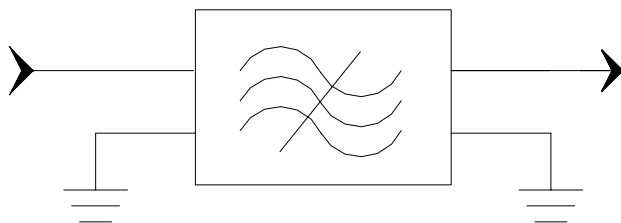
### Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	76.7	76.8	76.9
Insertion Loss	dB	-	20.5	21.5
1 dB Bandwidth	MHz	11	11.3	-
3 dB Bandwidth	MHz	12	13.06	-
40 dB Bandwidth	MHz	-	18.27	18.5
Passband Variation( $f_0 \pm 5\text{MHz}$ )	dB	-	0.4	0.7
Group Delay Variation( $f_0 \pm 5\text{MHz}$ )	nsec	-	40	60
Phase Linearity( $f_0 \pm 5\text{MHz}$ )	degree	-	4	6
Absolute Delay	usec	-	1	-
Ultimate Rejection	dB	36	38	-
Material temperature coefficient	KHz/°C	-6.3		
Ambient Temperature	°C	25		
Package Size	DIP2212 (22.2x12.8x4.7mm <sup>3</sup> )			

#### Notes:


1. All specifications are based on the test circuit shown
2. In production, devices will be tested at room temperature to a guardbanded specification to ensure electrical compliance over temperature
3. Electrical margin has been built into the design to account for the variations due to temperature drift and manufacturing tolerances
4. This is the optimum impedance in order to achieve the performance show

### Matching Configuration

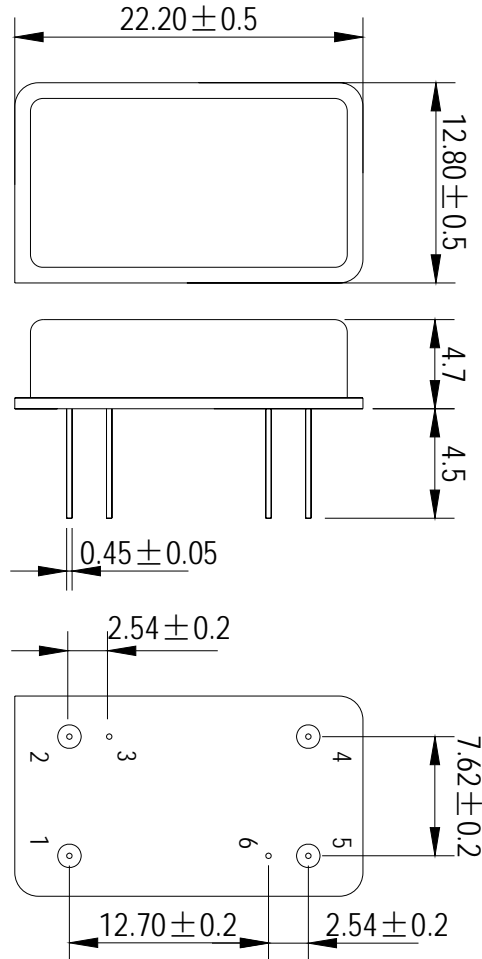


**Source/Load Impedance=50 ohm**

Notes - Component values may change depending on board layout.

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*Package Dimension*



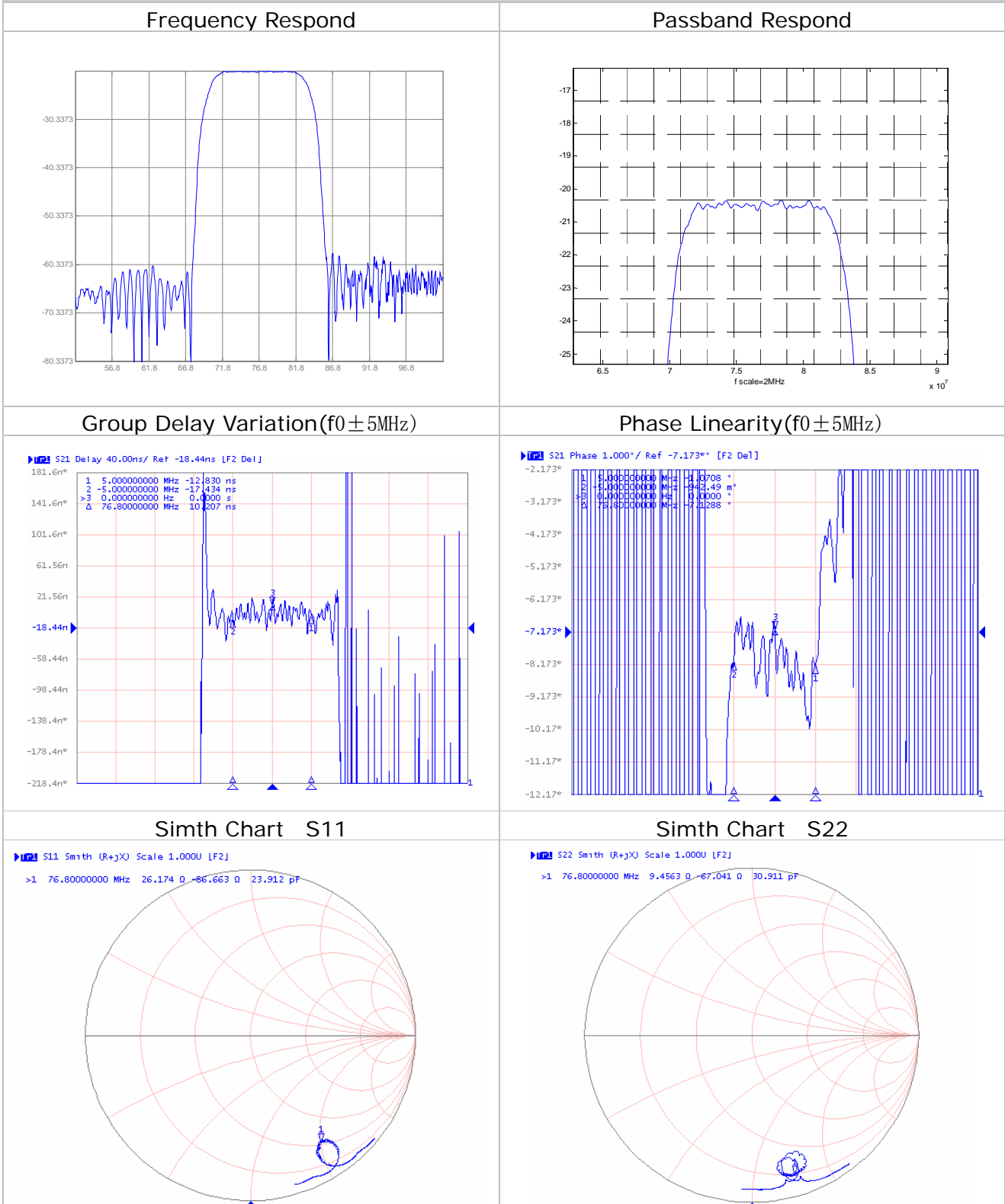
Pin 1: input  
Pin 5: output  
Others: Grounded



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Typical Performance



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