

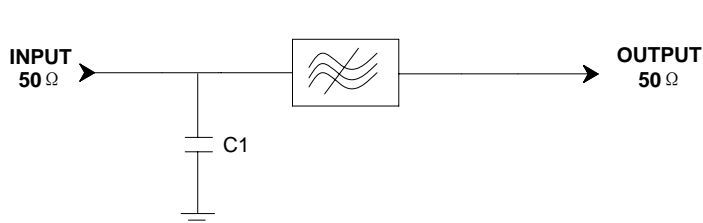
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	65.9	66	66.1
Insertion Loss	dB	-	24.8	26
1 dB Bandwidth	MHz	7.5	7.75	-
3 dB Bandwidth	MHz	8	8.16	-
40 dB Bandwidth	MHz	-	9.67	9.8
50 dB Bandwidth	MHz	-	9.83	-
Passband Variation($f_0 \pm 3.5\text{MHz}$)	dB	-	0.3	0.5
Absolute Delay	usec	-	2.03	-
Phase Linearity($f_0 \pm 3.5\text{MHz}$)	deg	-	2	4
Group Delay Variation($f_0 \pm 3.5\text{MHz}$)	nsec	-	50	70
Ultimate Rejection	dB	50	55	-
Material Temperature coefficient	KHz/°C	-5.412		
Ambient Temperature	°C	25		
Package Size	DIP2712 (27.0x12.8x4.7mm ³)			

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

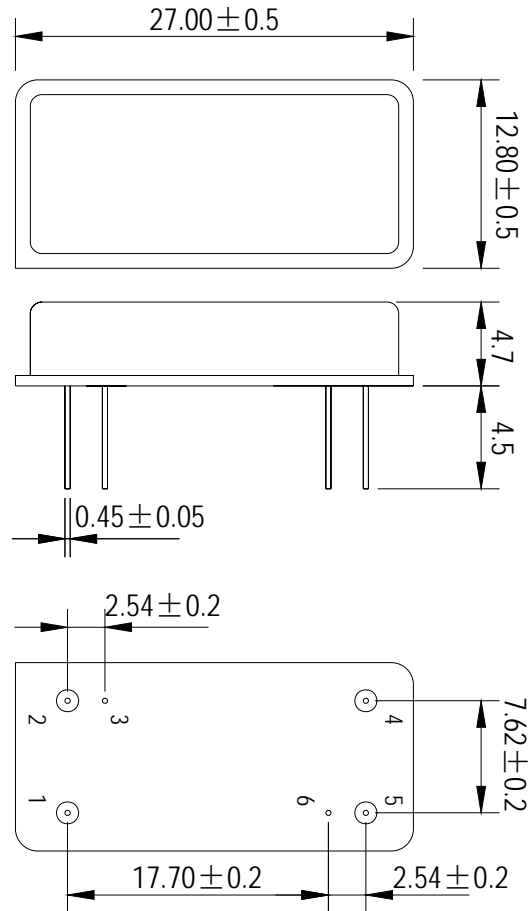


C1=22pF
Source/Load Impedance=50 ohm

Notes - Component values may change depending on board layout.

	SIPAT Co., Ltd. (CETC No. 26 Research Institute) Nanping Huayuan Road No. 14 Chongqing, China, 400060	Part Number	LBN06603	
		Rev. Date	2006-8-5	
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Package Dimension



Input	1
Output	4
Ground	2, 3, 5, 6

Package: DIP2712

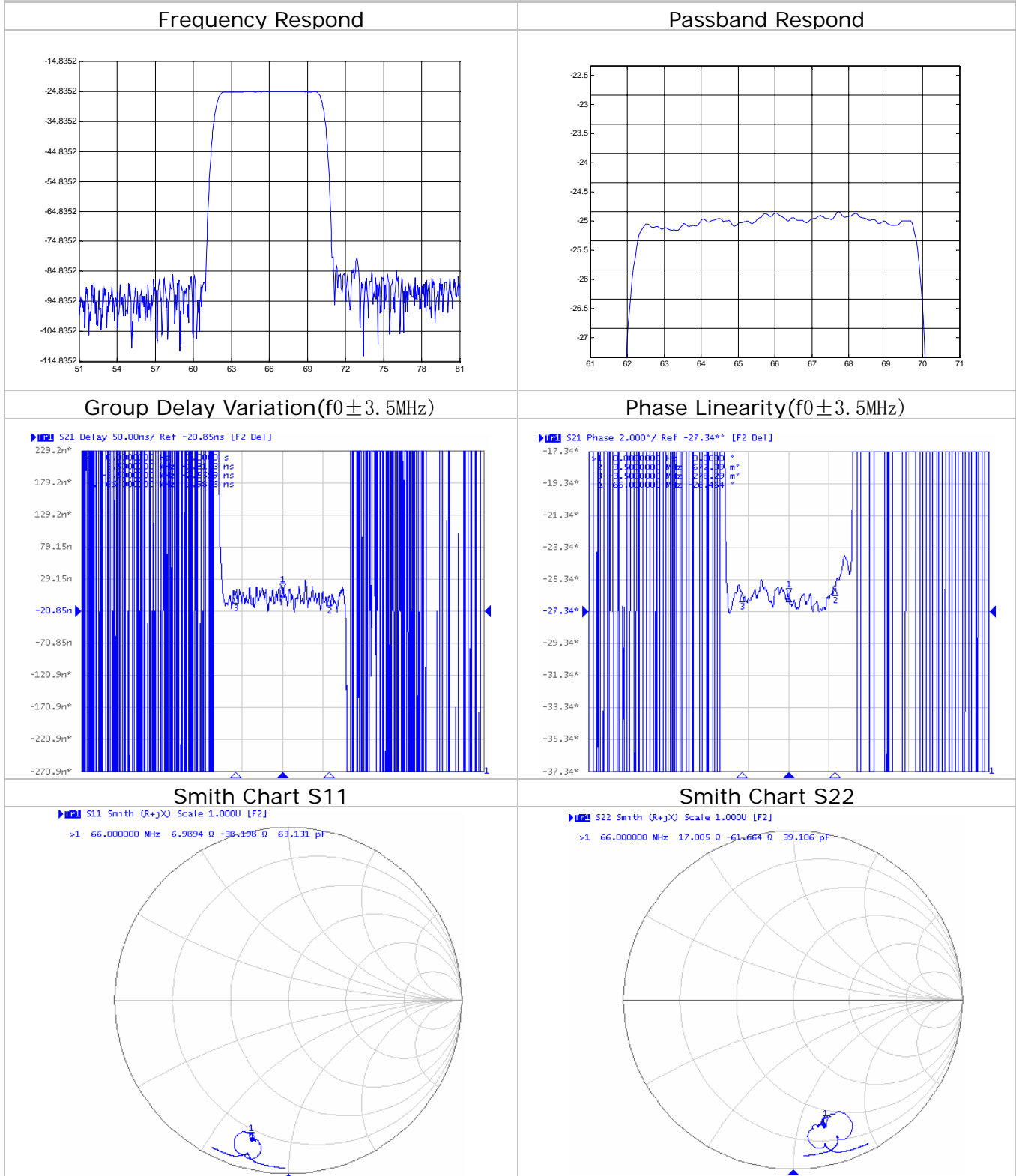
Unit: mm



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Typical Performance



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