

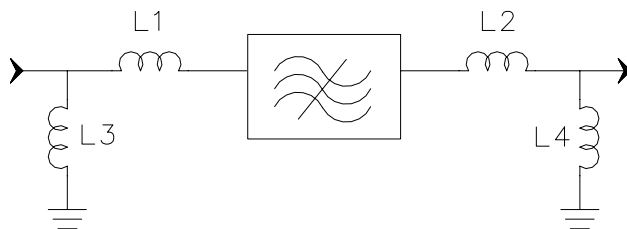
Specifications

Parameter	Unit	Minimum	Typical	Maximum
Center Frequency	MHz	159.9	160	160.1
Insertion Loss	dB	-	22.7	27
3 dB Bandwidth	MHz	5.6	5.62	-
18 dB Bandwidth	MHz	-	6.14	6.2
40 dB Bandwidth	MHz	-	6.46	6.6
50 dB Bandwidth	MHz	-	6.57	7
Passband Variation	dB	-	1.4	1.5
Absolute Delay	usec	-	3.36	4
Ultimate Rejection	dB	40	44	-
Material Temperature coefficient	KHz/°C	0.16		
Ambient Temperature	°C	25		
Package Size	DIP2712 (27.0x12.8x4.7mm3)			

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



L1=47nH L2=27nH

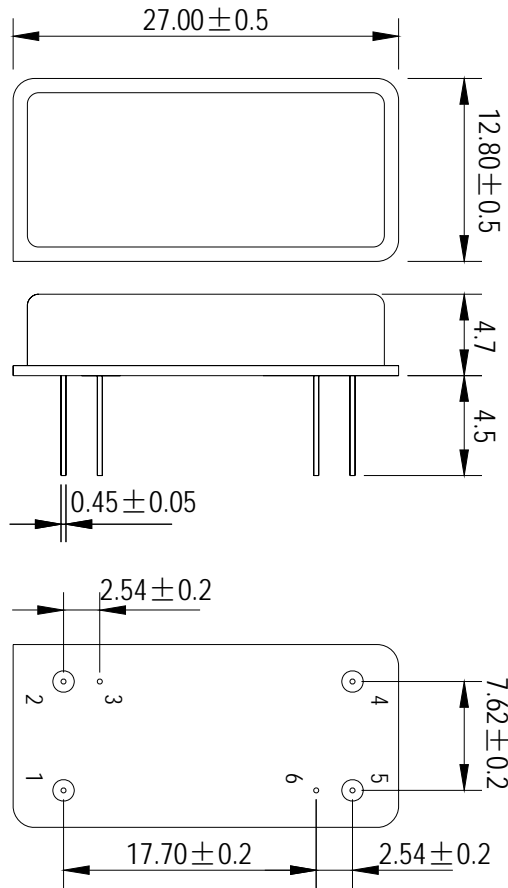
L3=L4=18nH

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	LBS16031	
		Rev. Date	2005-9-29	
		Rev.	1.0	Page

Package Dimension



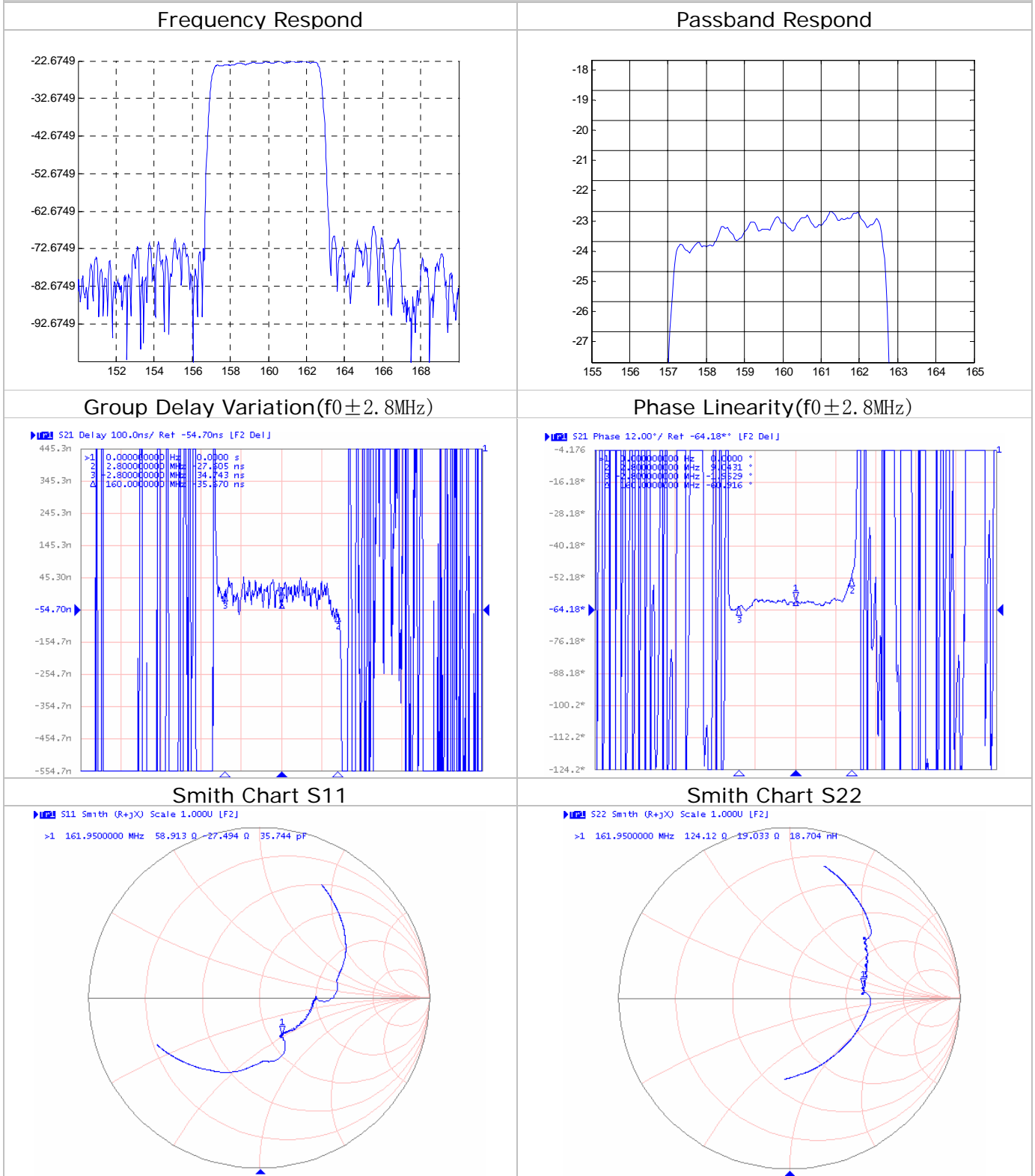
Input: 1
Output: 5



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Rev. Date	2005-9-29	
Rev.	1.0	Page 2/3

Typical Performance



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Part Number	LBS16031	
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Rev.	1.0	Page 3/3