

SGC Technologies, Inc.

PRODUCT SPECIFICATION FOR INFORMATION

CUSTOMER :

PRODUCT NAME : BPF TYPE

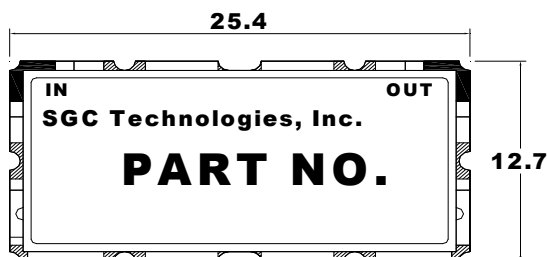
PART NO : SLB-350-BP42MD

ITEM	SPEC.
Center frequency	350 MHz
Bandwidth	42 MHz
Insertion loss	2.7 dB max.
Ripple	0.8 dB max.
V.S.W.R.	1.4 : 1
Attenuation	15 dB @ 300 MHz 15 dB @ 400 MHz
In/Out Impedance	50 ohm
Group delay in BW	5ns max.
Group delay at fc	Typ. 15ns
Slope of group delay	0.6 ns/MHz max.

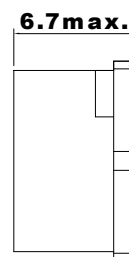
NOTE : EQUIPMENT used HP 8753E

DIMENSION

TOP VIEW



SIDE VIEW



BOTTOM VIEW

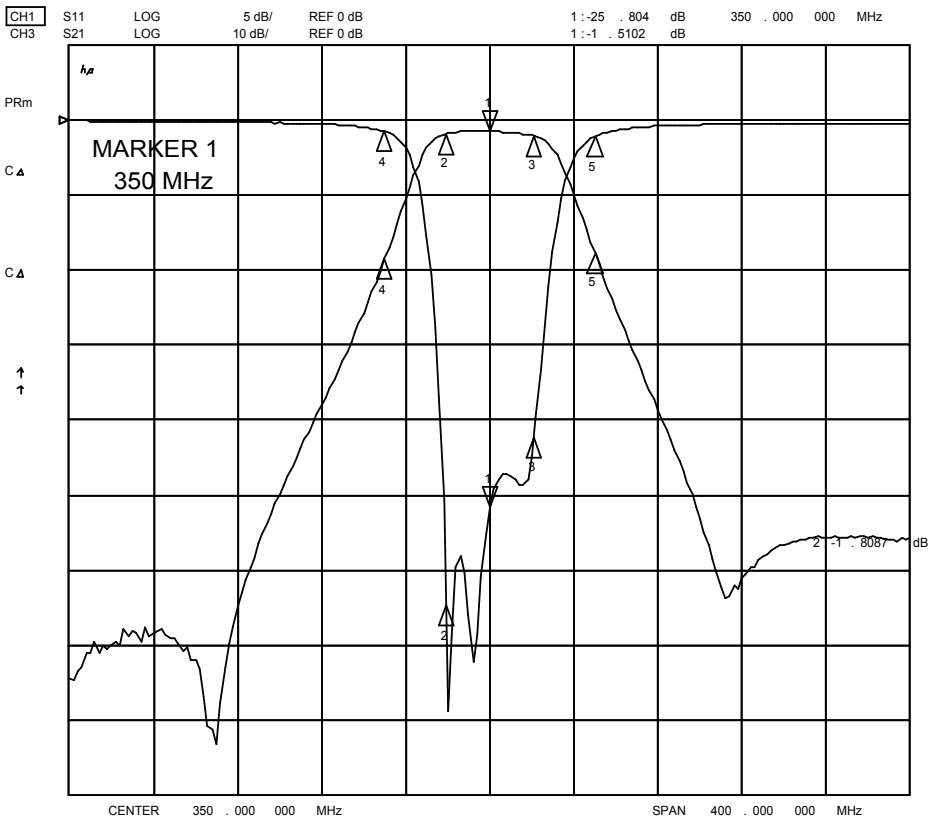


TOLERANCE UNLESS
OTHERWISE SPECIFIED : ± 0.3
DIMENSIONS : mm

 GROUND
 I/O PORT

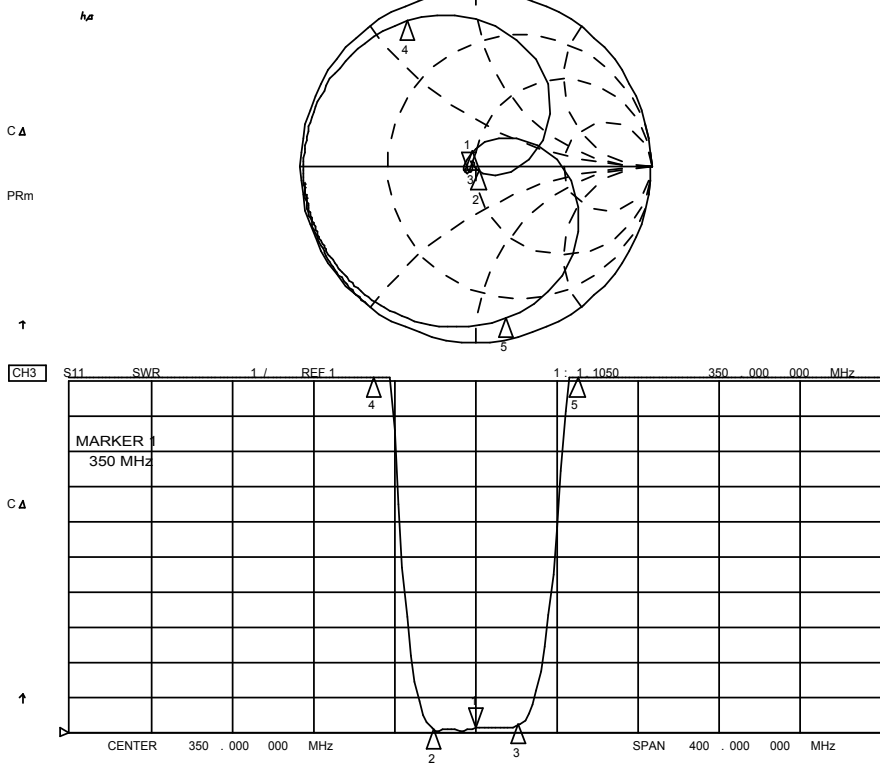
SLB-350-BP42MD

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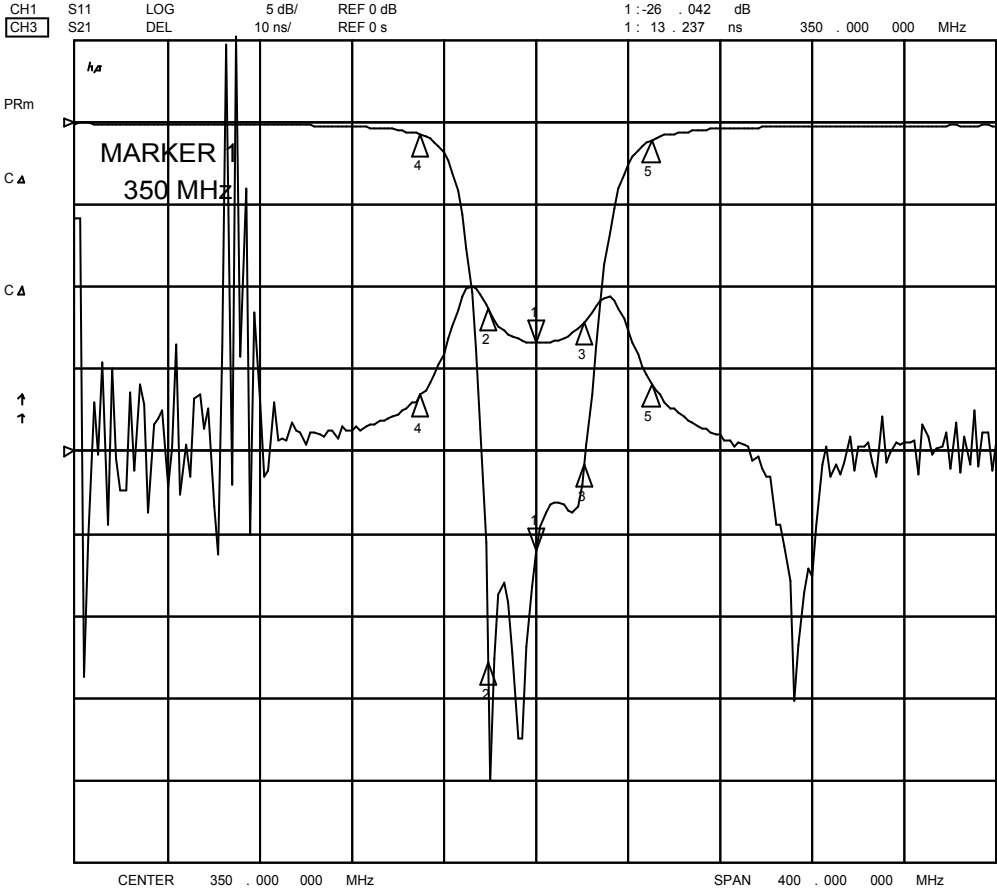
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CH1 S11 1 U FS 1: 46 .193 Ω -2 .9316 Ω 155 .11 pF 350 .000 000 MHz



SLB-350-BP42MD(Group Delay)

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CH1 Markers

2	: -32 . 777	dB
	329 . 000	MHz
3	: -20 . 805	dB
	371 . 000	MHz
4	: - . 72760	dB
	300 . 000	MHz
5	: -1 . 0783	dB
	400 . 000	MHz

CH3 Markers

2	: 17 . 460	ns
	329 . 000	MHz
3	: 15 . 691	ns
	371 . 000	MHz
4	: 6 . 9160	ns
	300 . 000	MHz
5	: 8 . 2245	ns
	400 . 000	MHz