



Document	Document Number	Revision	Date
Spec Sheet	FLB216383A01	A	21-Mar-2019

Band Pass Filter

P/N : FLB216383A01

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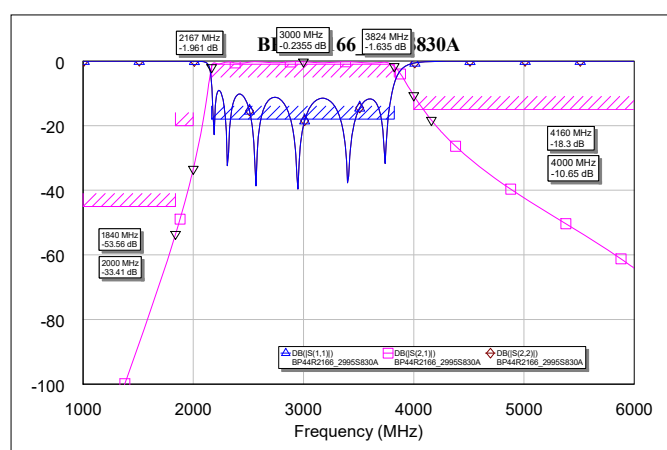
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A	Initial Release	21-Mar-2019

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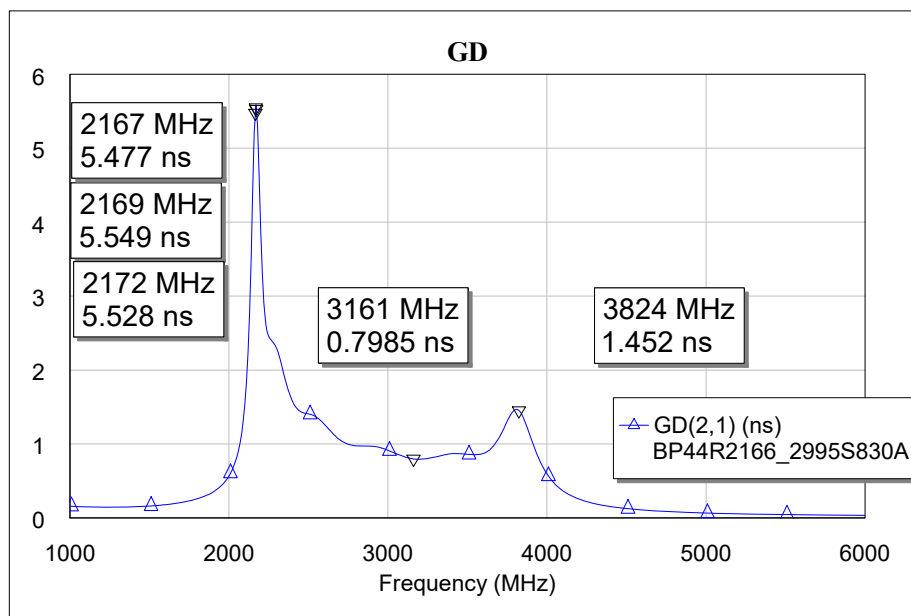
1. Electrical Specifications

Parameter	Specification	Simulation	Proposal
Pass Band	2166.5MHz ~ 3823.5MHz	2166.5MHz ~ 3823.5MHz	
Insertion Loss	3.0 dB max.	2.0 dB	2.5dB max
Return Loss	15.0 min	10 dB	10.0 min
Ripple	1.0 dB max.	1.7 dB	2.0 dB max.
Attenuation	50dB min @ DC ~ 1840MHz	53dB	OK
	30dB min @ 1840MHz ~ 2000MHz	33dB	OK
	30dB min @ 4000MHz ~ 4160MHz	18.3 dB	15dB min
	50dB min @ 4160MHz ~ 10000MHz	TBD	-
Group Delay Variation @ BW	$\pm 1.5\text{nSec}$ @ $\pm 5\text{MHz}$ BW	0.1nS	0.5ns
	$\pm 0.3\text{nSec}$ @ $\pm 2\text{MHz}$ BW	0.1 nS	0.5ns
Input Output Impedance	50 Ω		OK
Power Handling	1 Watt		OK
Sizes	10.5 * 23 * 4.5		-
Operation Temperature Range	-40°C ~ +85°C		OK

2. Simulation Data



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3. Mechanical Specification

Parameter	Specification	Proposal
Dimension	10.5 * 23 * 4.5 (Unit : mm)	