



Document	Document Number	Revision	Date
Spec Sheet	FCB265285A01	A	12-Apr-2019

## Band Pass Filter

**P/N : FCB265285A01**

### Contents

1. Electrical Specifications
2. Simulation Data
3. Mechanical Specification

Revision	Description	Date
A	Initial Release	12-Apr-2018



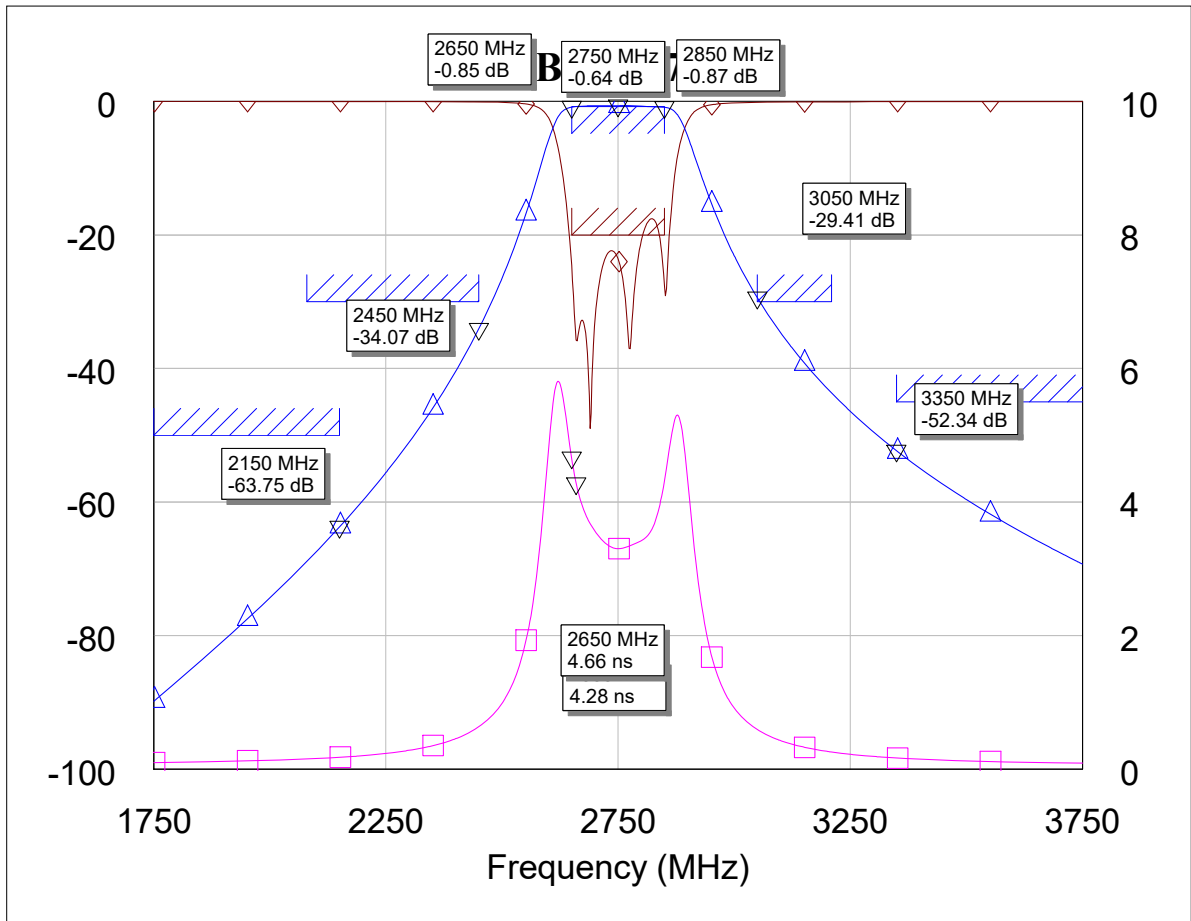
Document	Document Number	Revision	Date
Spec Sheet	FCB265285A01	A	12-Apr-2019

## 1. Electrical Specifications

Parameter	Specification	Simulation	Proposal
fc (Center Frequency)	2750MHz		-
Band Width (BW)	±100MHz, min		-
Insertion Loss	1.0dB max.	0.9	1.2
VSWR	1.5:1 min.	1.3	OK
Ripple in BW	±0.2dB, max. @any 3.5MHz slice	-	OK
	45dBc @ DC~2150MHz, min	60	OK
Rejection	25dBc @ 2450MHz, min	34	OK
	25dBc @ 3050MHz, min	29	OK
	40dBc @ 3350 ~ 4500MHz, min	52	OK
	30dBc @ 4500 ~ 5500MHz, min	-	TBD
Group Delay Variation @BW	3nSec P-t-P @ any 10MHz slice (Over all conditions: see paragraph 4)	0.4	OK
Input Output Impedance	50Ω		OK
Power Handling (CW)	3W		OK
Dimension	10mm*8mm*4m (L*W*H)		-
Operating Temperature	-40°C to +80°C		-

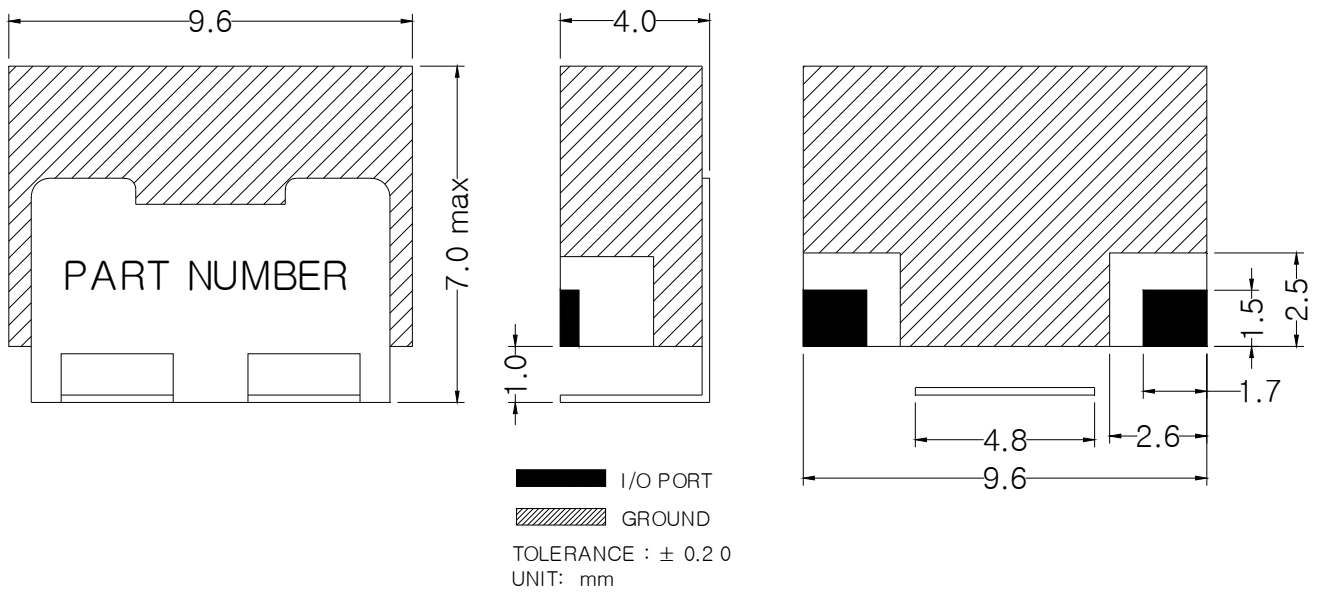
Document	Document Number	Revision	Date
Spec Sheet	FCB265285A01	A	12-Apr-2019

## 2. Simulation Data



Document	Document Number	Revision	Date
Spec Sheet	FCB265285A01	A	12-Apr-2019

### 3. Mechanical Specification



Parameter	Specification	Proposal
Dimension	10mm*8mm*4mm (L*W*H)	
RF Connector		