PRELIMINARY SPECIFICATION

Product Name : L band Cavity Band Pass Filter

Part No : MBP-C1100_280ML-B

	Rev. No.	Description	Date	Author	Final Approver
1	A	Draft	2021.01.07	Bryan Jeon	Michael Jeon
2	B	Has changed package type from LC to Cavity	2021.01.11	Bryan Jeon	Michael Jeon

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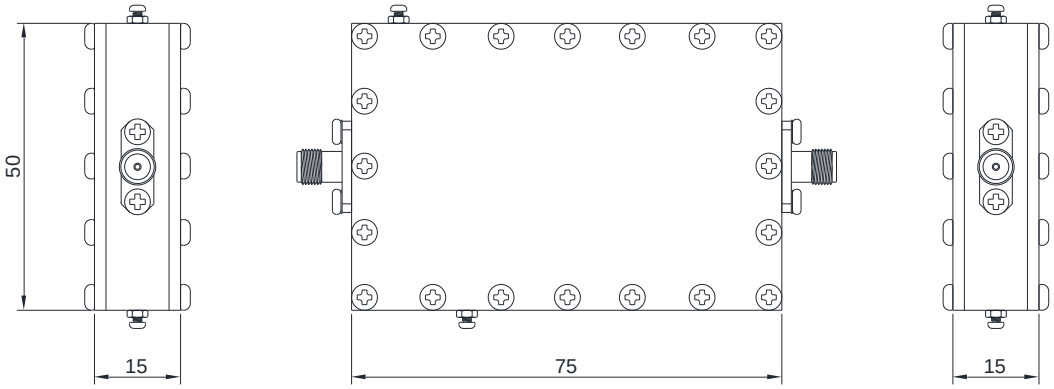
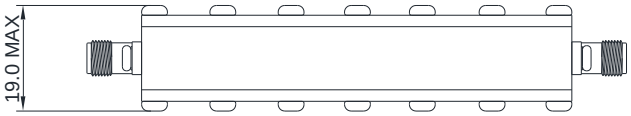
PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing





Note
1. Connector : SMA
2. Finish : Black Epoxy

■ Electrical Specification

Parameter	Specification	Remark
1. Center Frequency	1100MHz	
2. Frequency Range	C.F±140MHz[960~1240MHz]	
3. Insertion Loss	0.6dB Max.	
4. Ripple	0.3dB Max.	
5. Return Loss	15dB Min.	
6. Attenuation	30dBc Min.@ DC ~ 750MHz	
	12dBc Min.@ DC ~ 1280MHz	
	30dBc Min.@ DC ~ 1500MHz	
	80dBc Min.@ 3000 ~ 3700MHz	
7. Input RF Power	5W Max	CW
8. Impedance	50Ω	
9.Operating Temperature	-40 + 85℃	

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

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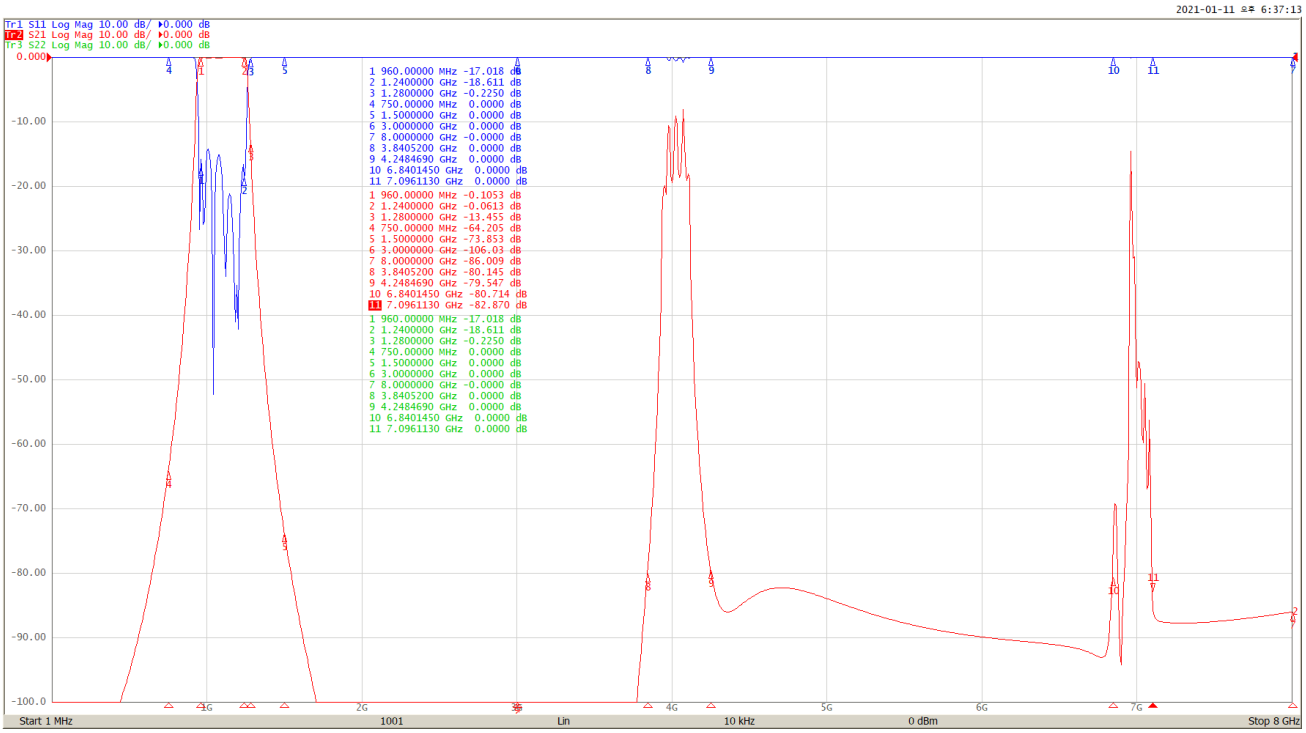
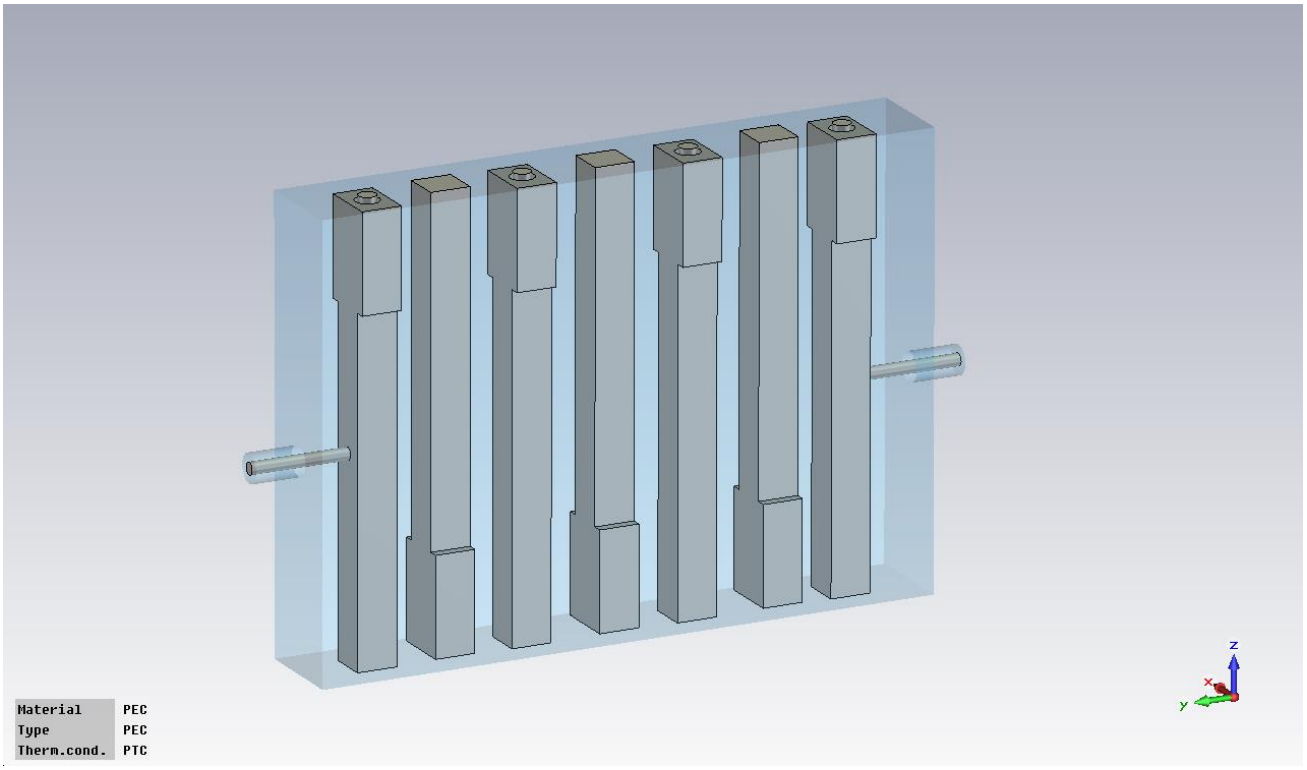
■ EM Simulation Curve



■ Interdigital Cavity Filter



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