



MSL1

\* Pb Free Part

Customer Name	Standard Specification	TAIYO YUDEN Mobile Technology Co.,Ltd.	
System	Band 17 Tx	Date	March 31, 2010
Part Number	FAR-F5KA-710M00-D4VQ	Version 4.0d	

**Table 1 Electrical Specification**

Item	Condition	Proposal Specification			Unit	Remarks
		Min.	Typ.	Max.		
Insertion Loss	704-716MHz	-	1.2	2.0	dB	
Ripple	704-716MHz	-	0.5	1.1	dB	
VSWR	Output(S11)	-	1.5	2.0	-	
	Input(S22)	-	1.5	2.0	-	
Attenuation	DC-674MHz	45	55	-	dB	
	674-686MHz	28	33	-	dB	
	734-746MHz	28	32	-	dB	
	869-1800MHz	35	50	-	dB	
	1800-3000MHz	25	40	-	dB	
	3000-4000MHz	17	32	-	dB	
	4000-5000MHz	13	23	-	dB	
Terminating Impedance	Input	50			ohm	Single-ended
	Output	50			ohm	Single-ended
Operating Temperature		-30 to +85			°C	



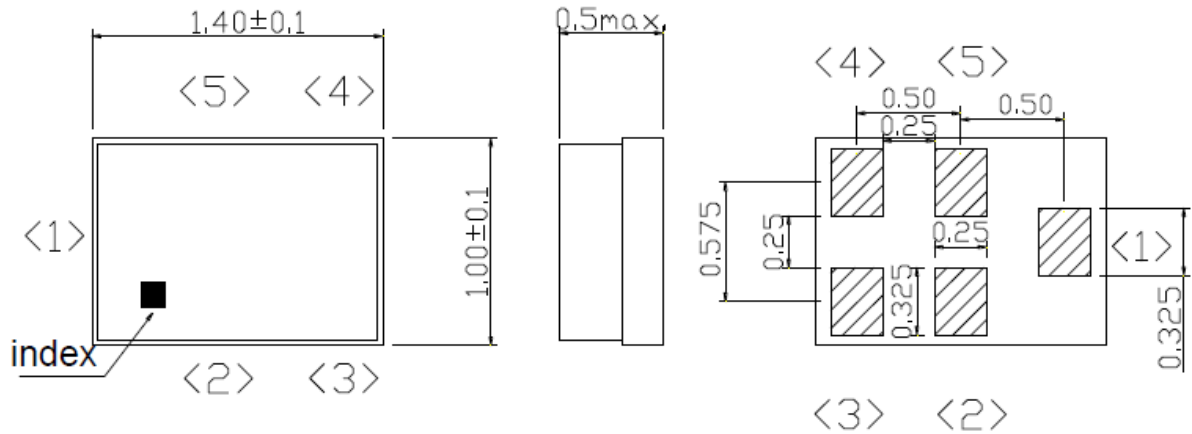
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### Dimensions

Device size: 1.4typ. x 1.0typ. x 0.5max.

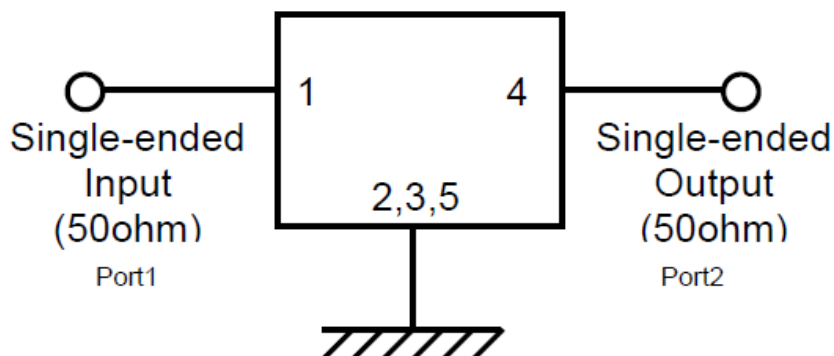


Unit: mm

### Pin Configuration

Pin No.	Symbol	Function
1	IN	Single-ended pin
2	GND	Ground
3	GND	Ground
4	OUT	Single-ended pin
5	GND	Ground

### Evaluation Condition





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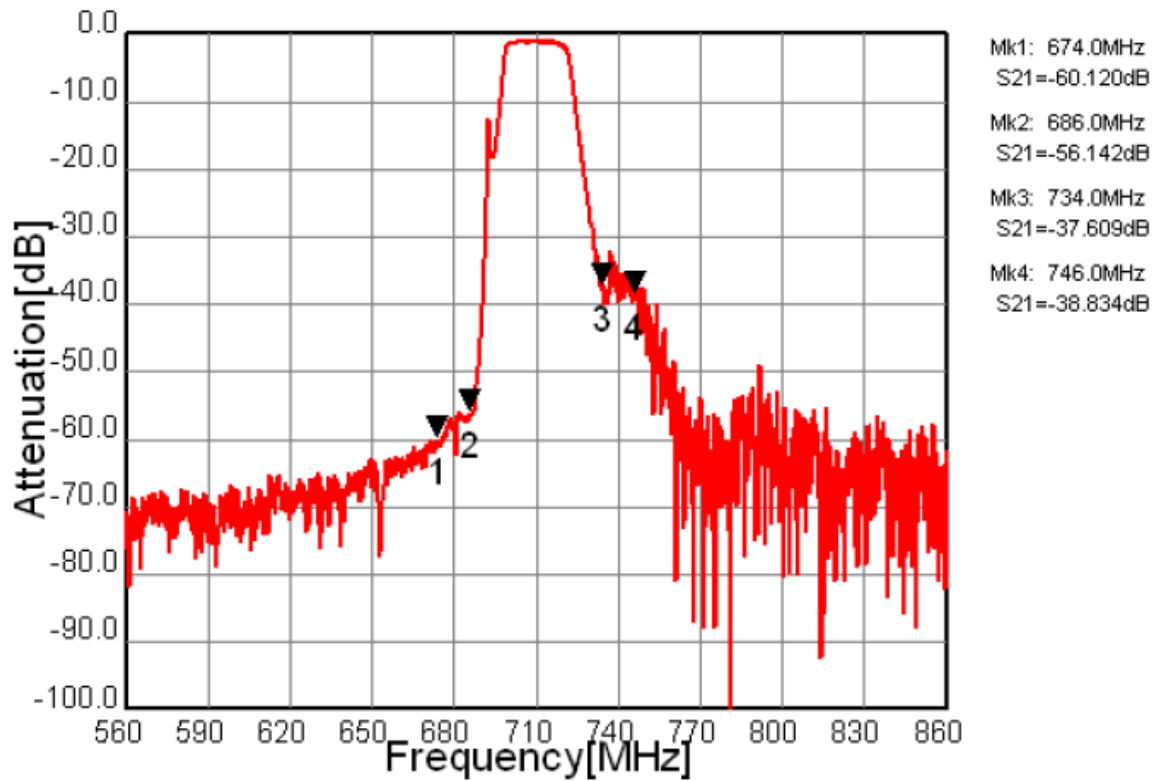


Fig.1 Pass-band Characteristic

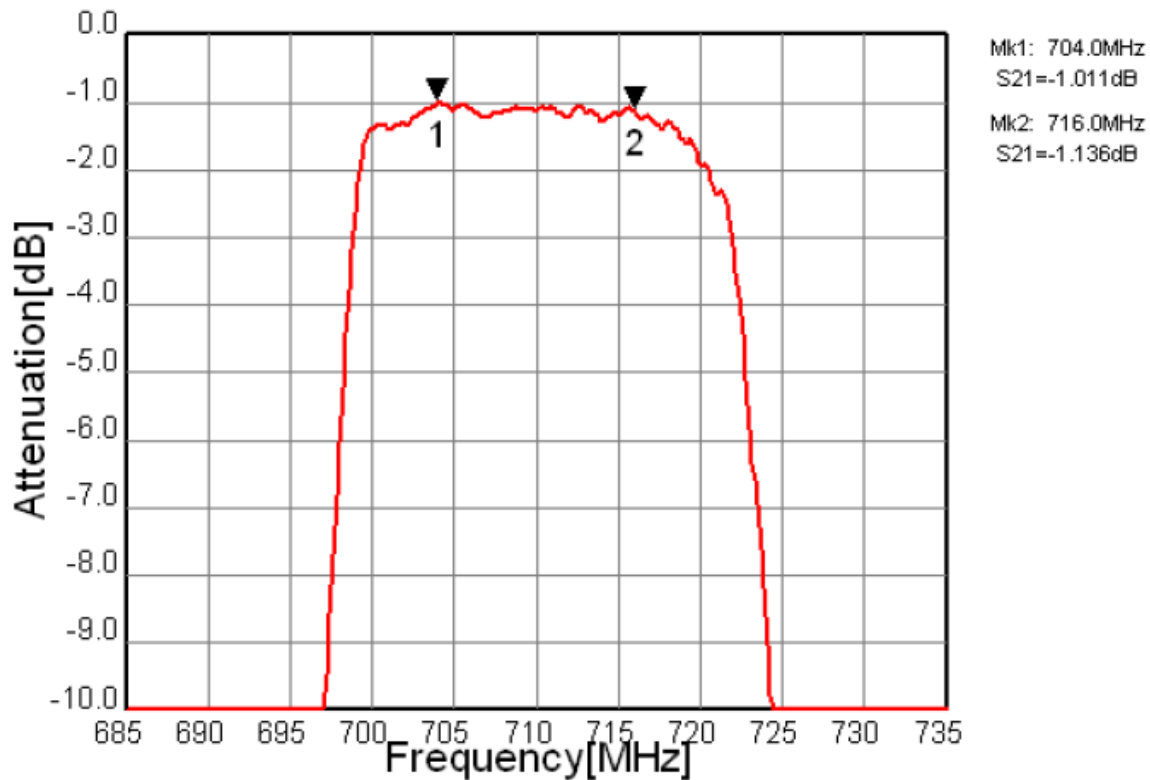


Fig.2 In-band Characteristic



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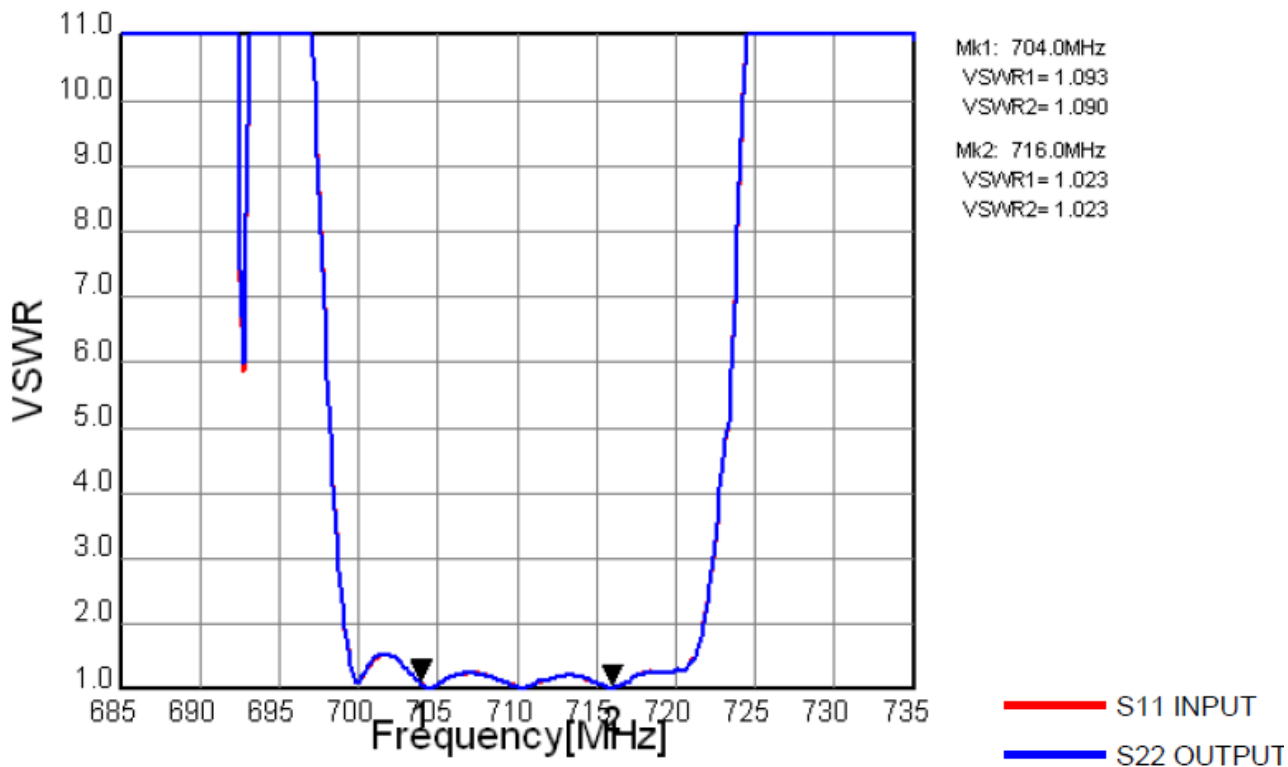


Fig.3 VSWR

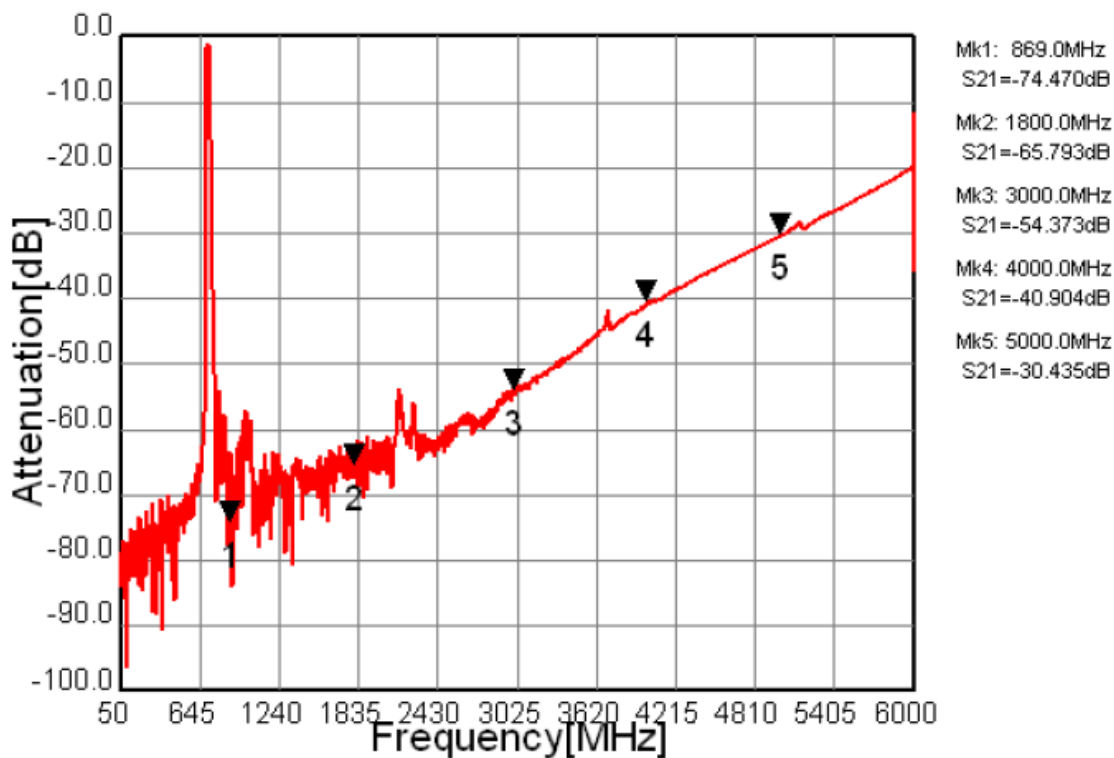


Fig.4 Wide-band Characteristic



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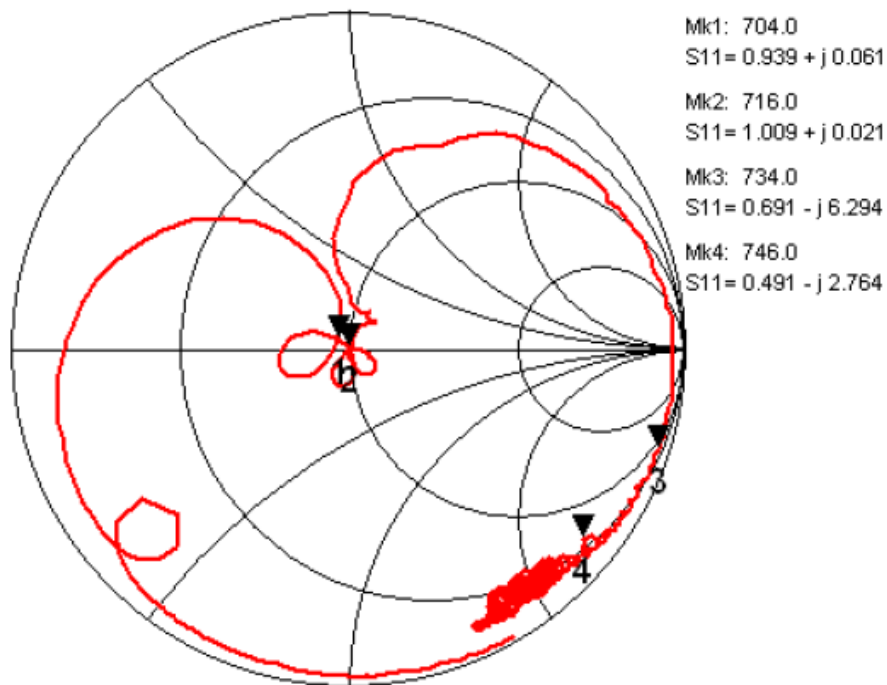


Fig.5 Impedance (INPUT)

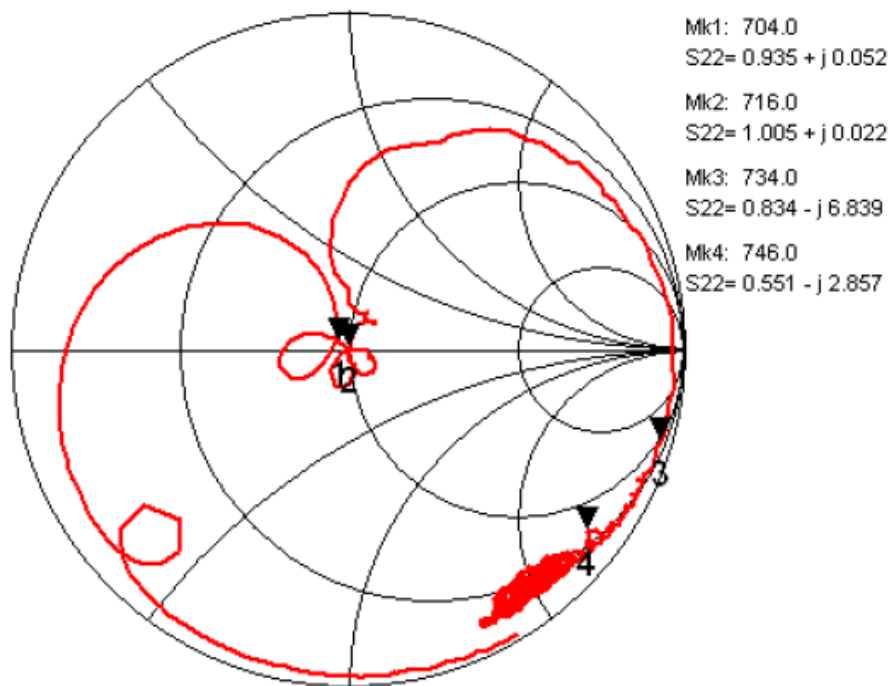


Fig.6 Impedance (OUTPUT)

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