

Customer Name	Standard Specification	FUJITSU MEDIA DEVICES LIMITED	
System	EGSM-Tx	DATE	July 26, 2003
FMD Part Number	FAR-F5EA-897M50-D27C	Version 1.0a	

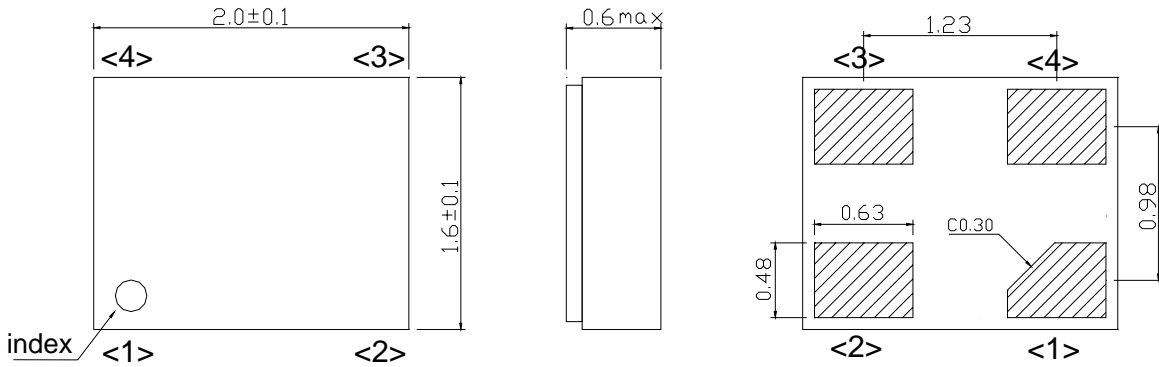
Table 1 Electrical Specification

Passband : 880 ~ 915 MHz						
Item	Condition (MHz)	Specification			Unit	Remark
		Min.	Typ.	Max.		
Insertion Loss	880 ~ 915	-	2.5	3.0	dB	
Ripple	880 ~ 915	-	1.1	1.8	dB	
Absolute Attenuation	DC ~ 860	35	46	-	dB	
	860 ~ 870	25	33	-	dB	
	925 ~ 935	10	17	-	dB	
	935 ~ 960	25	28	-	dB	
	1760 ~ 1830	35	46	-	dB	
	2640 ~ 2745	30	43	-	dB	
VSWR(Input)	880 ~ 915	-	1.8	2.2	-	
VSWR(Output)	880 ~ 915	-	1.8	2.2	-	
Input Impedance	Unbalanced	50			Ω	
Output Impedance	Unbalanced	50			Ω	
Input Power	880 ~ 915			+12	dBm	
Operating temperature		-30 ~ +85			$^{\circ}\text{C}$	
Device size		2.0typ. x 1.6typ. x 0.6max.			mm	

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Dimensions

Device size: 2.0typ. x 1.6typ. x 0.6max

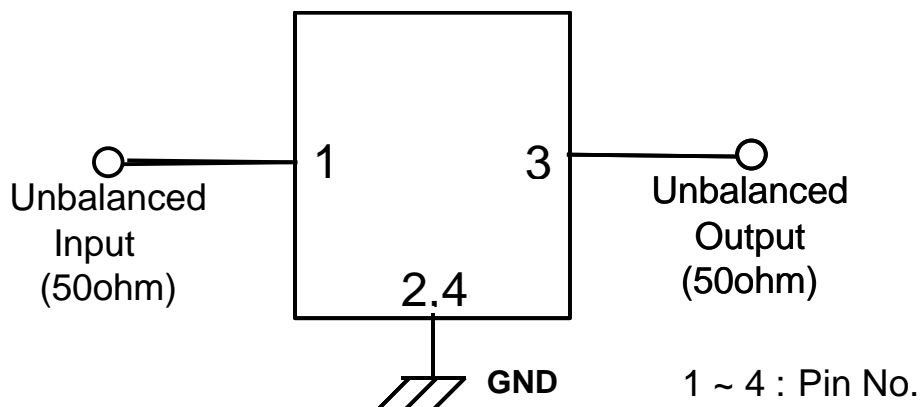


Unit : mm

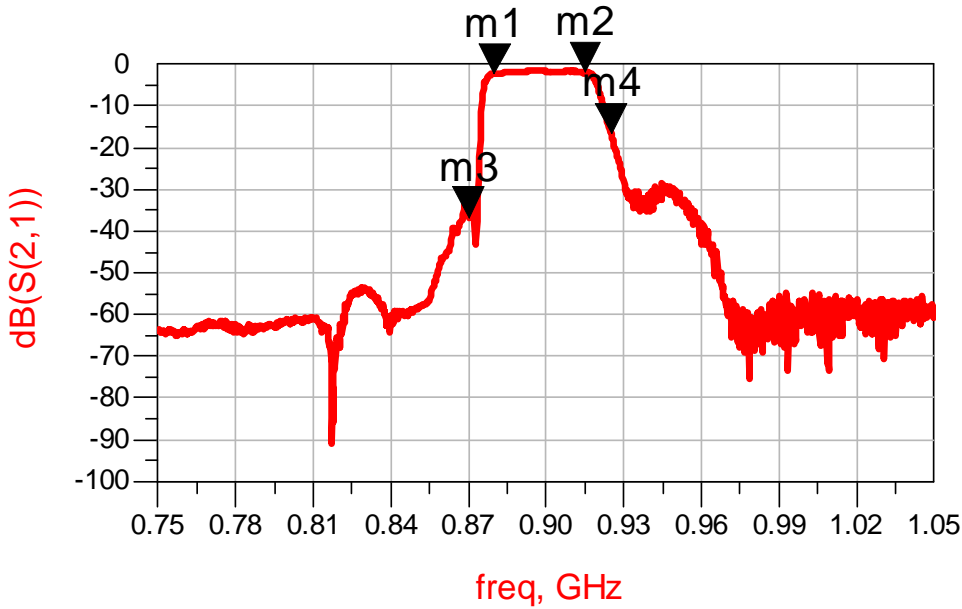
Pin Configuration

Pin No.	Pin name	Description
1	IN	Input pin
2	GND	Ground
3	OUT	Output pin
4	GND	Ground

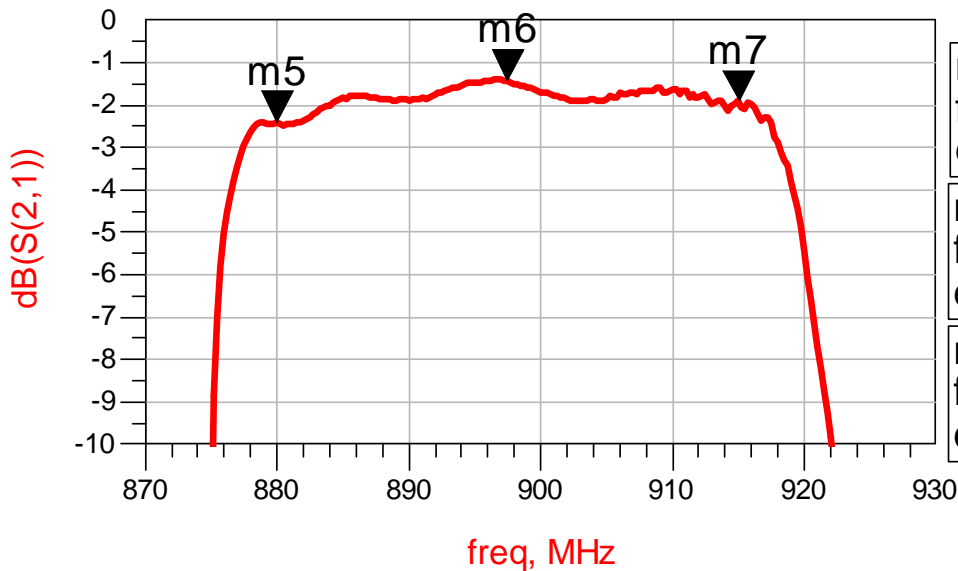
Evaluation Circuit



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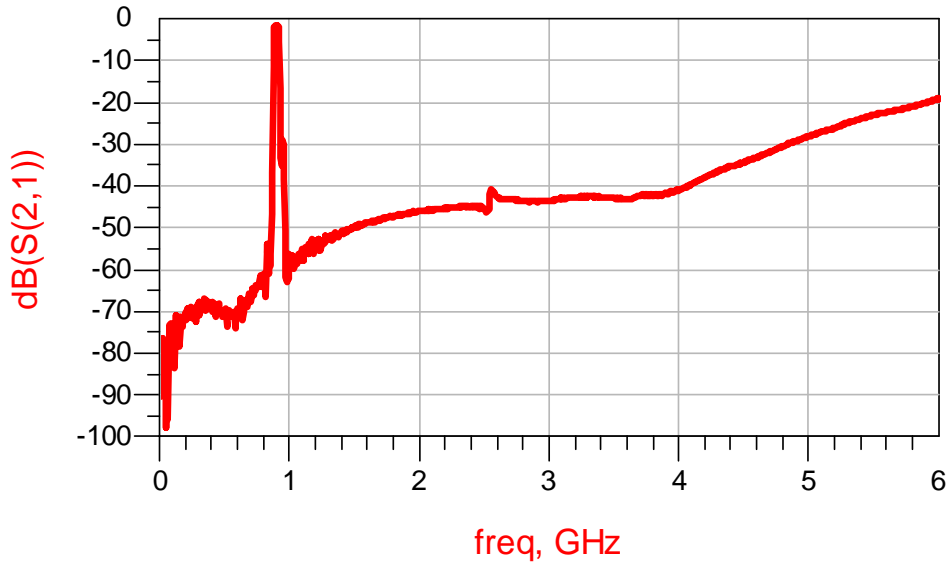


Pass-band Characteristics

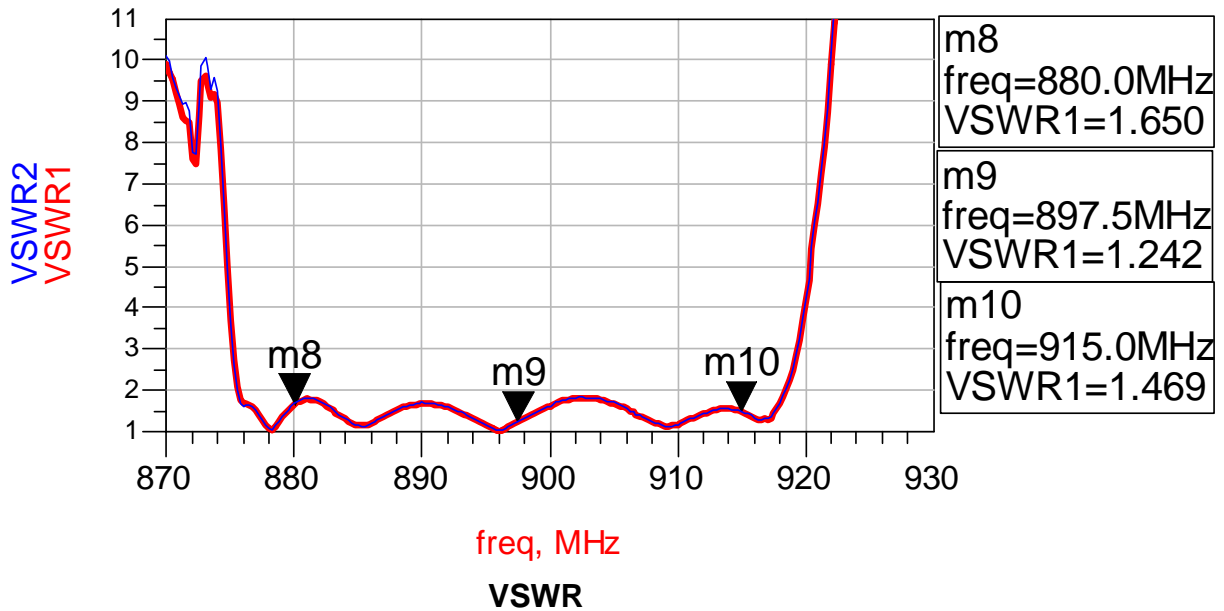


In-band Characteristics

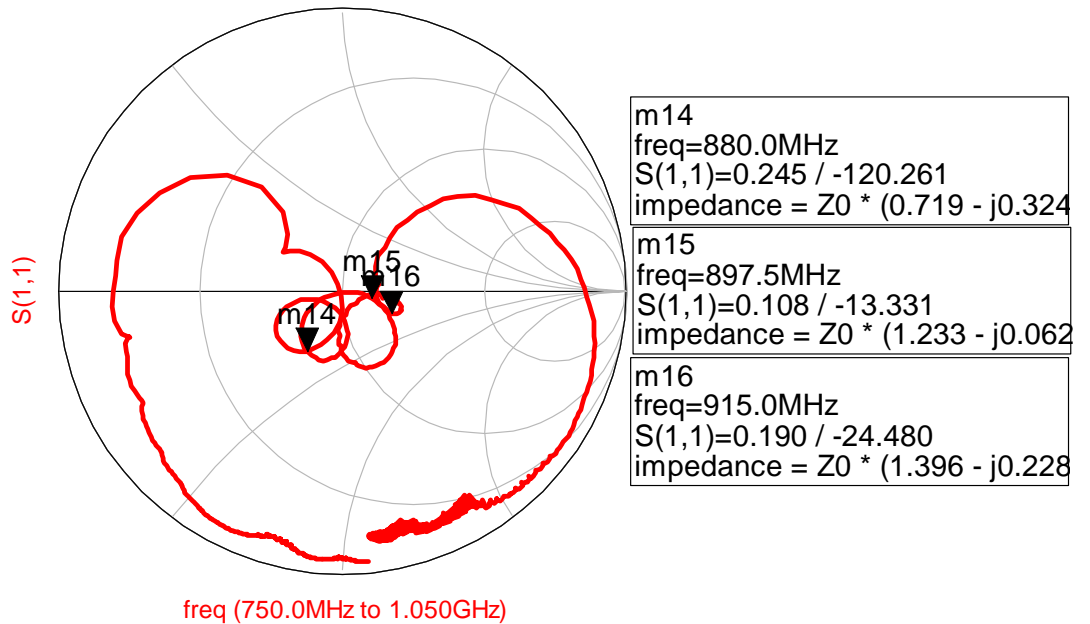
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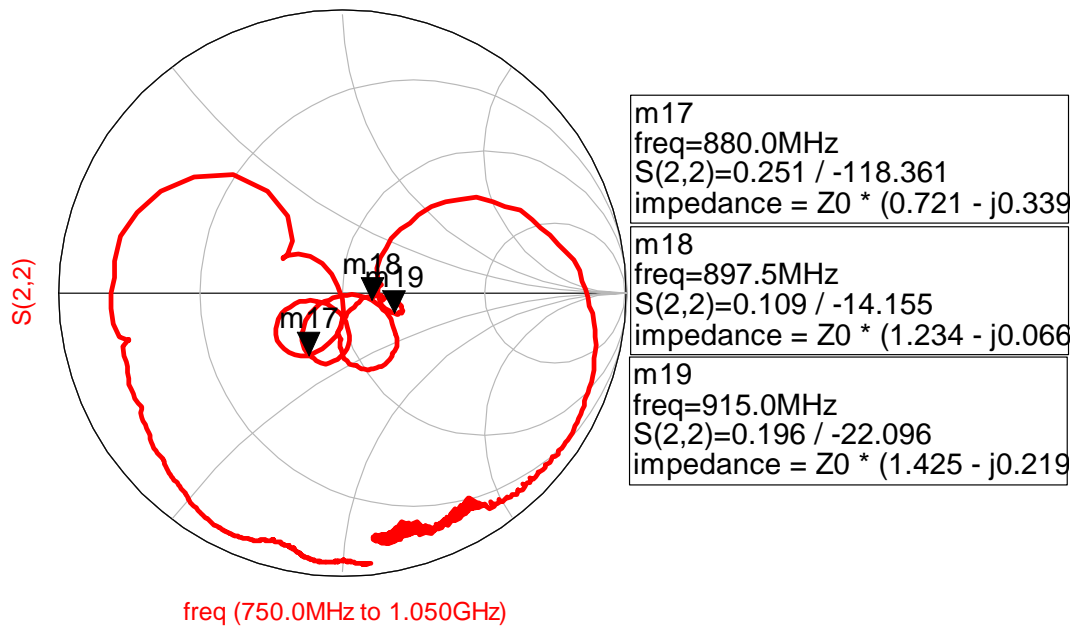
Wide-band Characteristics



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Impedance(S11)



Impedance (S22)