

Customer Name	<b>Standard</b>	FUJITSU MEDIA DEVICES LIMITED	
System	Cell Band-Rx	DATE	Dec 5,2003
FMD Part Number	FAR-F5EA-881M50-D27H	Version 1.0 a	
Customer No.		Reference No.	

**Table 1. Electrical specifications**

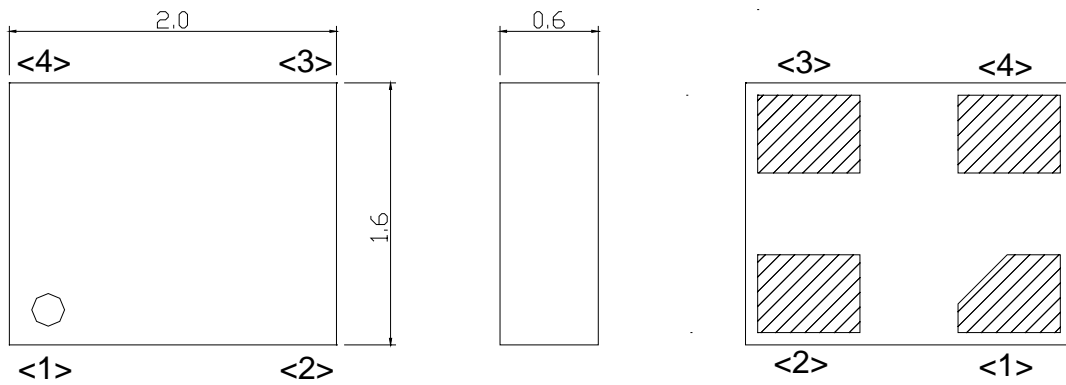
Passband: 869 ~ 894 MHz						
Item	Condition	Specification				Remark
		Min.	Typ.	Max.	Unit	
Insertion Loss	869 - 894 MHz	-	1.9	2.3	dB	
Ripple	869 - 894 MHz	-	0.6	1.2	dB	
Absolute Attenuation	DC - 779 MHz	40	54	-	dB	
	779 - 849 MHz	33	37	-	dB	
	914 - 970 MHz	25	35	-	dB	
	970 - 1049 MHz	40	50	-	dB	
	1049 - 2000 MHz	30	42	-	dB	
VSWR	869 - 894 MHz	-	1.4	2.0		
Input/Output Impedance	Unbalance	50/50			Ohm	
Input Power	869 - 894 MHz	-	-	+13	dBm	
Device Size	-	2.0typ.x1.6typ.x0.6max			mm	
Operating temp.	-	-30 ~ +85			°C	
Storage temp.	-	-40~ +100			°C	

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● **Dimensions**

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

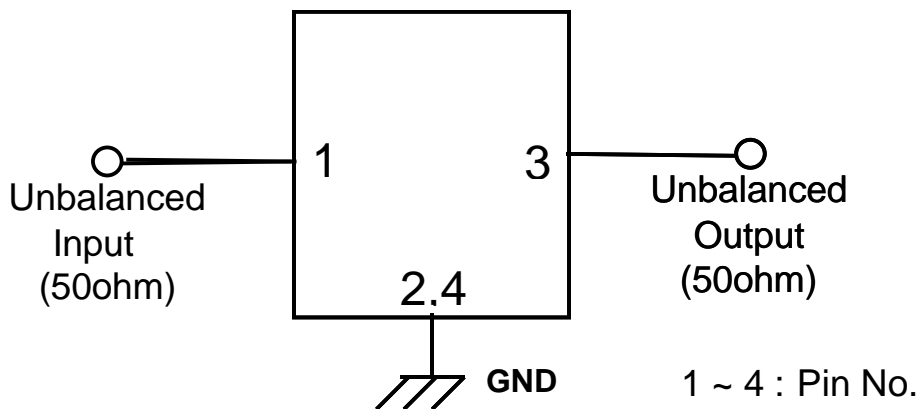
Unit : mm



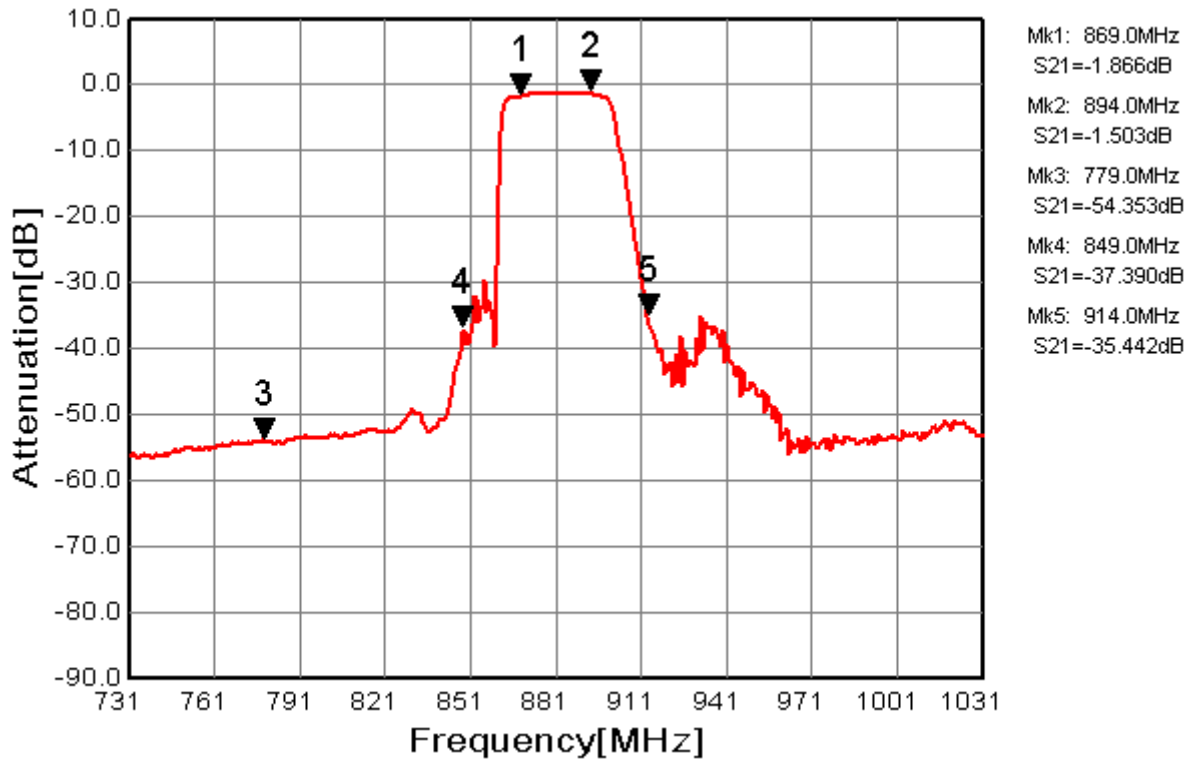
● **Pin Configuration**

Pin No.	Symbol	Function
1	IN	Input
2	GND	Ground
3	OUT	Output
4	GND	Ground

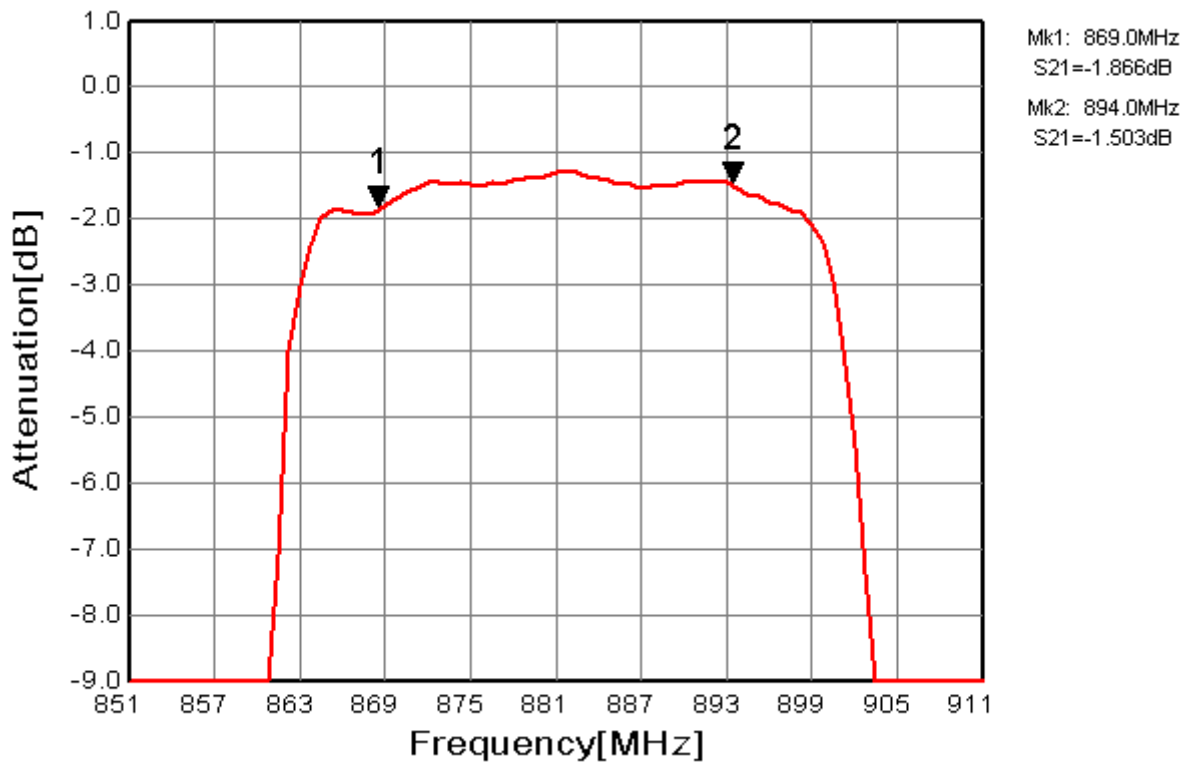
● **Evaluation Circuit**



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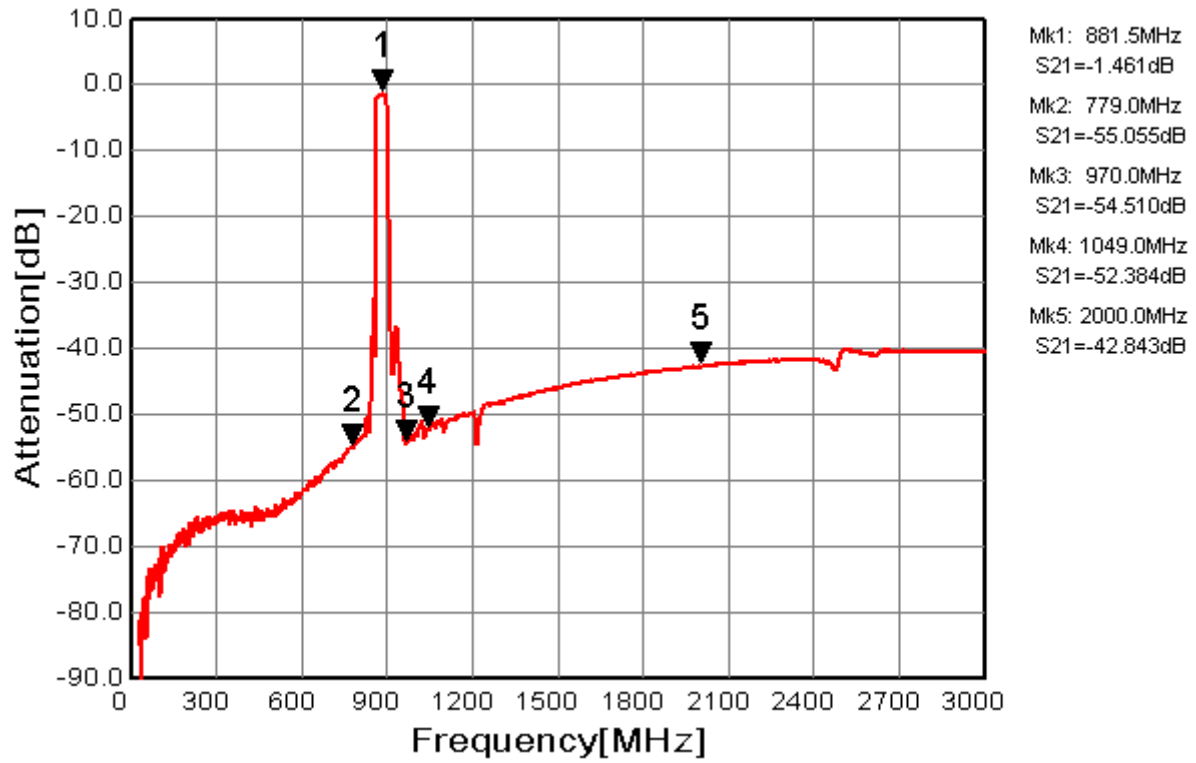


**Fig.1 Pass-band Characteristics**

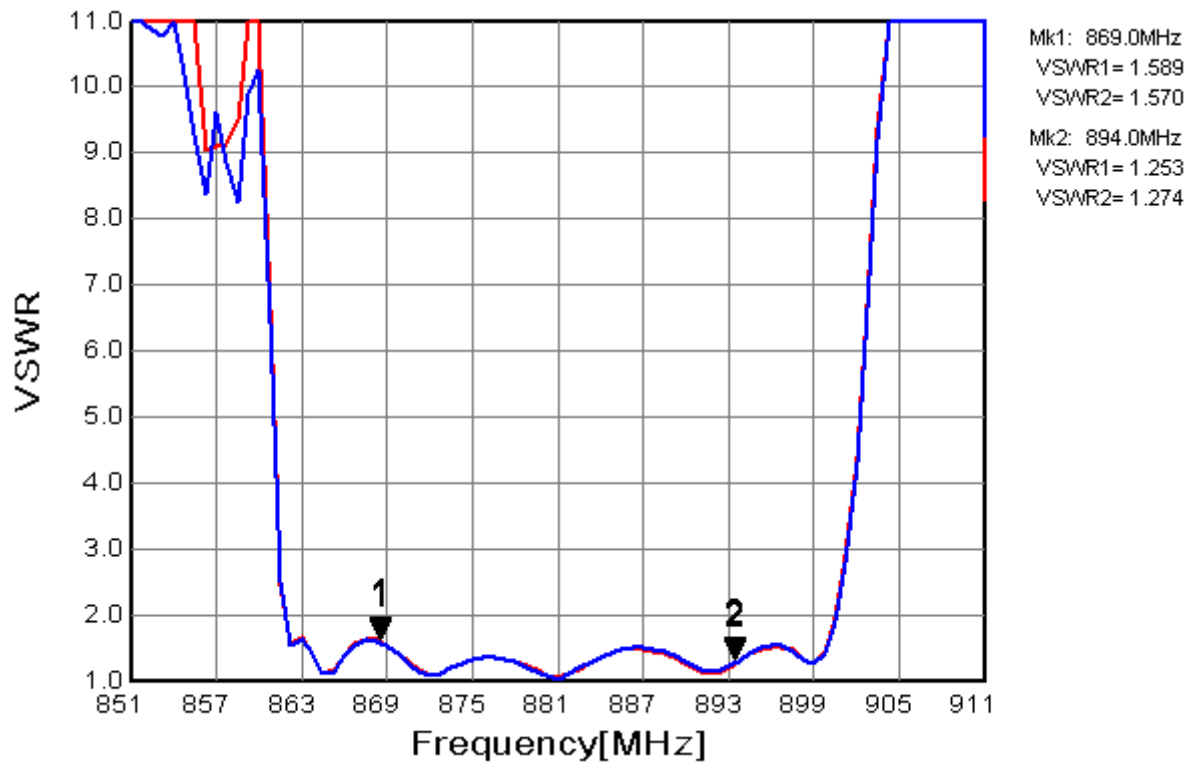


**Fig.2 In-band Characteristics**

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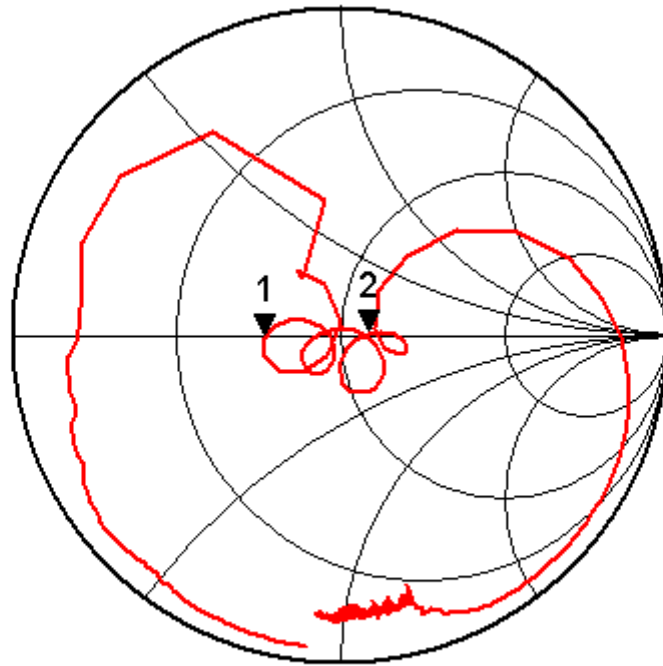


**Fig.3 Wide-band Characteristics**



**Fig.4 VSWR (S11,S22)**

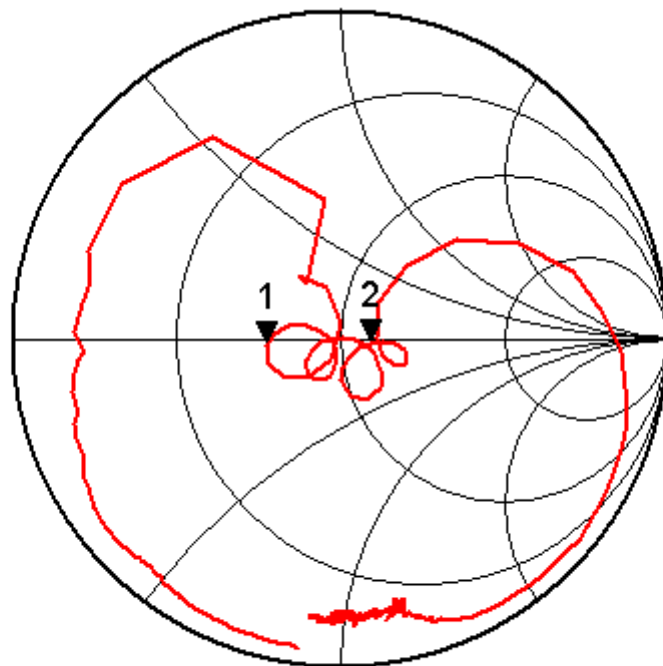
Customer Name	<b>Standard</b>	FUJITSU MEDIA DEVICES LIMITED	
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Mk1: 869.0

Mk2: 894.0

**Fig.5 Impedance (S11)**



Mk1: 869.0

Mk2: 894.0

**Fig.6 Impedance (S22)**