

规格书编号：

SPEC NO：

# 产品规格书

# SPECIFICATION

CUSTOMER 客户： \_\_\_\_\_  
PRODUCT 产品： \_\_\_\_\_ SAW FILTER \_\_\_\_\_  
MODEL NO 型号： \_\_\_\_\_ HDBF29412B21 \_\_\_\_\_  
PREPARED 编制： \_\_\_\_\_ CHECKED 审核： \_\_\_\_\_  
APPROVED 批准： \_\_\_\_\_ D A T E 日期： \_\_\_\_\_ 2014-2-26 \_\_\_\_\_

客户确认 CUSTOMER RECEIVED:		
审核 CHECKED	批准 APPROVED	日期 DATE

无锡市好达电子有限公司  
Shoulder Electronics Limited

## 更改历史记录 History Record

更改日期 Date	规格书编号 Spec. No.	产品型号 Part No.	客户产品型号 Customer No.	更改内容描述 Modify Content	备注 Remark

## 1. SCOPE

This specification shall cover the characteristics of SAW filter with HDJ29412B21 used for the page system.

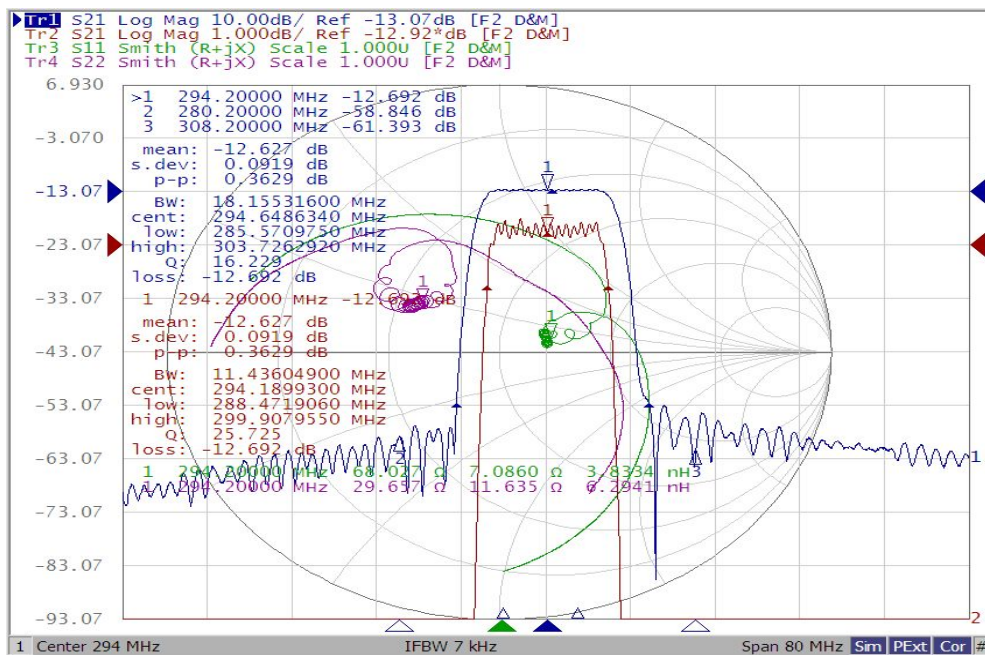
## 2. ELECTRICAL SPECIFICATION

Maximum Input Power	+10dBm
DC voltage	10V
Storage Temperature Range	-55°C to +125°C
Operation Temperature Range	-45°C to +125°C

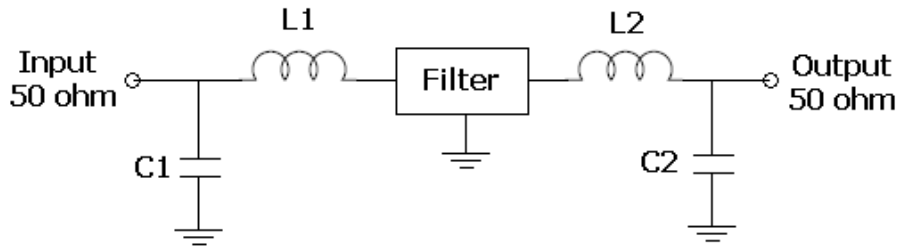
### Electronic Characteristics

Parameter	Min	Typ	Max	Units
Center Frequency	-	294.2	-	MHz
Insertion Loss	-	13.5	15.0	dB
-1dB Band with	-	11.5	-	MHz
-40dB Band with	-	18.0	-	MHz
Ultimate Rejection Fc-/+14.0MHz	40.0	50.0	-	dB
Passband Variation	-	0.5	1.0	dB
Group delay ripple	-	75	200	ns
Absolute delay	-	0.75	1.6	us
Ambient Temperature	25			°C
Package	SMD-21(7*5)			

### Frequency Response



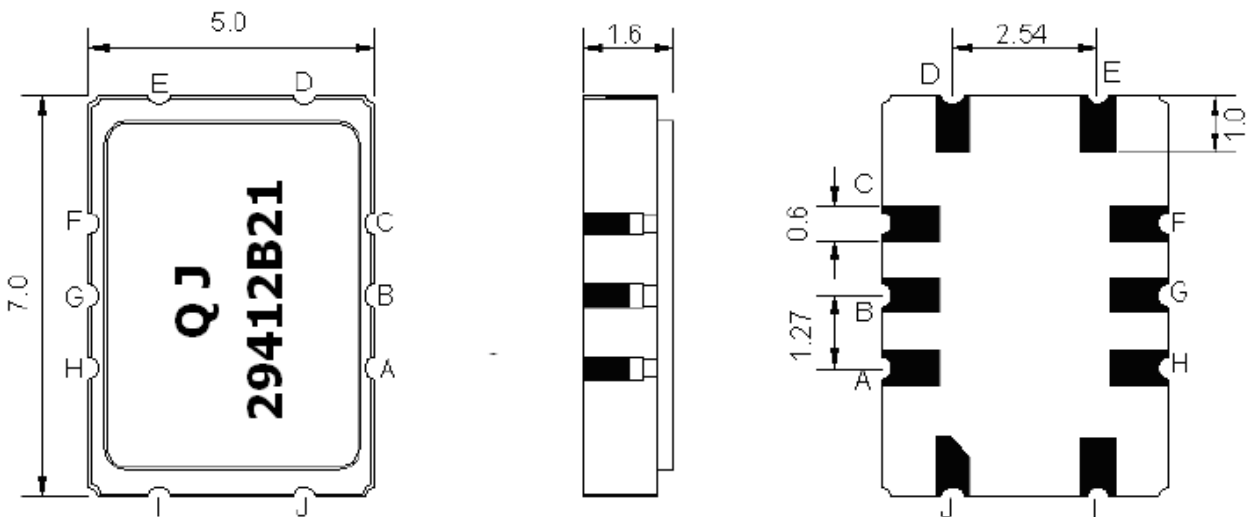
**3. TEST CIRCUIT (E5071B 虚拟匹配参数)**



L1= 24nH    L2= 30nH  
C1= 25pF    C2= 24pF

\*component values may change depending on board layout

**4.DIMENSION**



Pin Description	
A,B,C,F,G,H	Ground
I	Input
J	Ground
D	Output
E	Ground