

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: _____ HDBF29404B21 _____
PREPARED 编制: _____ CHECKED 审核: _____
APPROVED 批准: _____ DATE 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 |
|--------------|--------------------|------------------|------------------------|--------------------------|--------------|
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1. SCOPE

This specification shall cover the characteristics of SAW filter with HDBF29404B21 used for the page system.

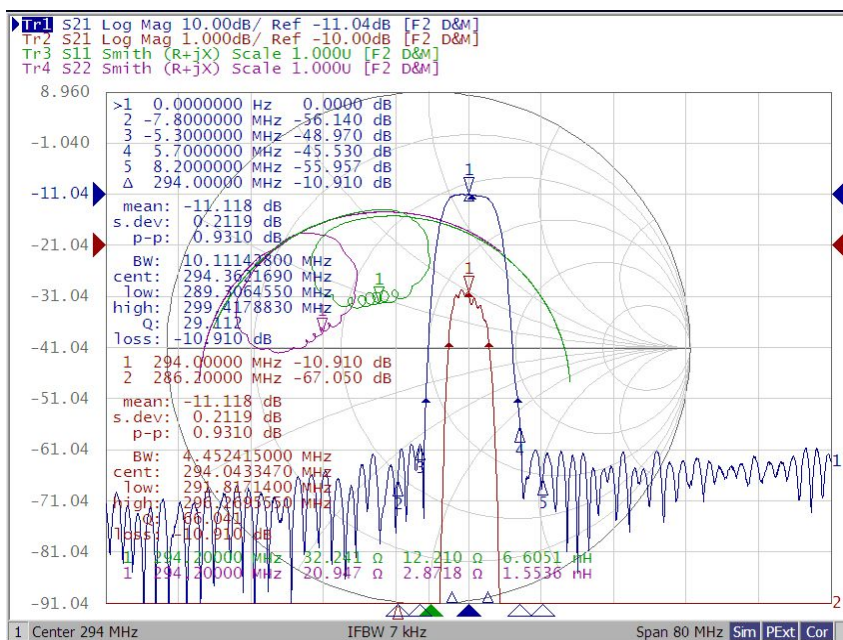
2. ELECTRICAL SPECIFICATION

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

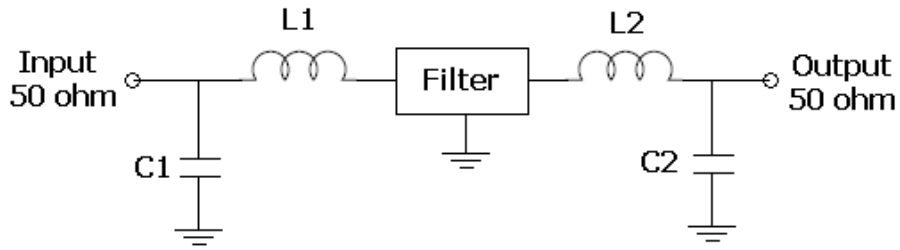
Electronic Characteristics

| Parameter | Min | Typ | Max | Units |
|-----------------------------------|-------------|-------|-------|-------|
| Center Frequency | 293.9 | 294.2 | 294.5 | MHz |
| Insertion Loss | - | 13.0 | 15.0 | dB |
| -1dB Band with | 4.0 | 4.5 | - | MHz |
| -40dB Band with | - | 10.2 | - | MHz |
| Ultimate Rejection Fc-/+5.5MHz | 40.0 | 50.0 | - | dB |
| Passband Variation | - | 0.5 | 1.0 | dB |
| Group delay ripple | - | 50 | 120 | ns |
| Absolute delay | - | 0.75 | 1.3 | us |
| Ambient Temperature | 25 | | | °C |
| Package | SMD-21(7*5) | | | |

Frequency Response



3. TEST CIRCUIT (E5071B 虚拟匹配参数)



L1= 25 nH L2= 30 nH
C1= 18pF C2= 18pF

*component values may change depending on board layout

4. DIMENSION

