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：HDF56A F11

PREPARED 编 制： CHECKED 审 核：

APPROVED 批 准： D A T E 日 期：2006-5-11

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

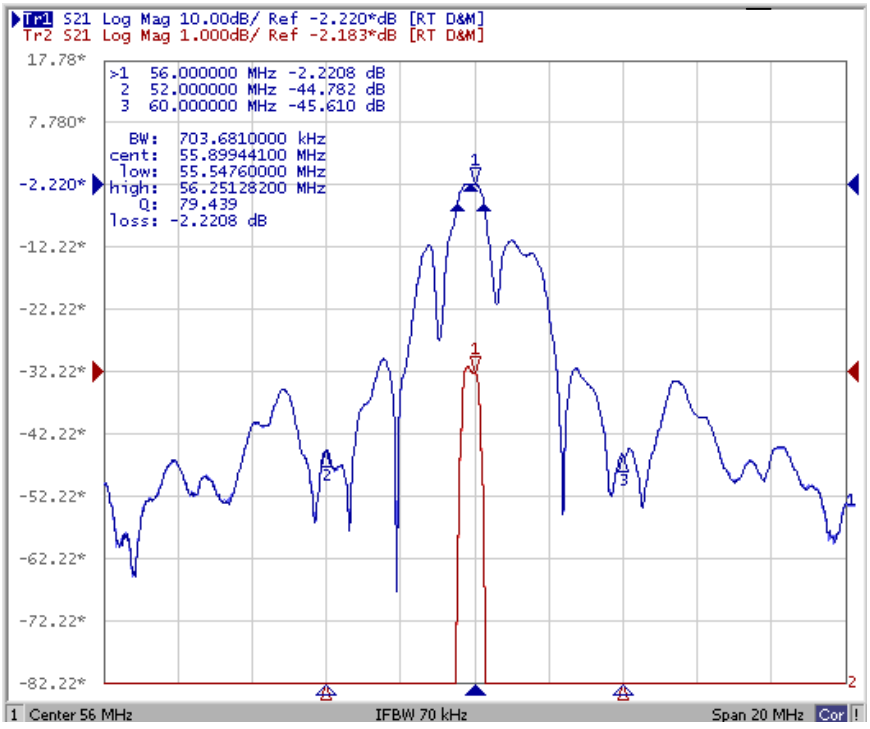
This specification shall cover the characteristics of SAW Filter with F56A used for the cordlessphone.

2.ELECTRICAL SPECIFICATION

2.1 Maximum Rating (Ta = 25 ℃)

Characteristics		Ratings	Unit
Input signal voltage		5	Vp-p
DC voltage	between input between output	3	V
	Between others	15	
AC voltage: 50-60 Hz		10	Vp-p
Operating temperature rang		-20 – 70	℃
Storage temperature range		-55 – 85	℃

2.2 Electrical Characteristics



Description	min	type	max	unit
Center frequency(3dB) Fo	55.80	56.00	56.2	MHz
Insertion loss			4.0	dB
3dB Pass width	+/-160			kHz
Stop band attenuation				
46.00~52.00MHz	25.0			dB
60.00~66.00MHz	20.0			dB

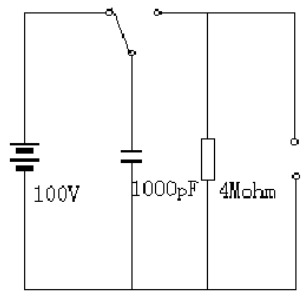
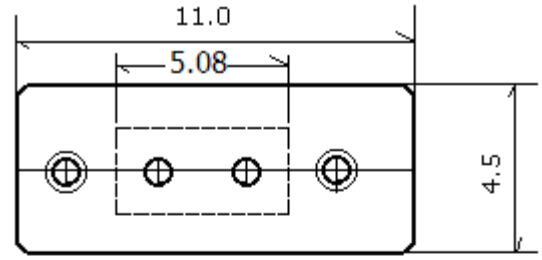
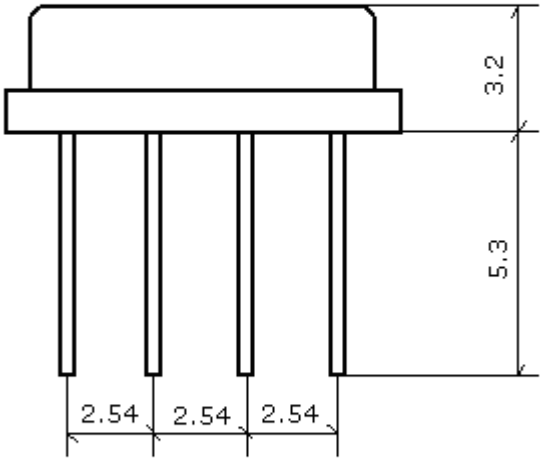
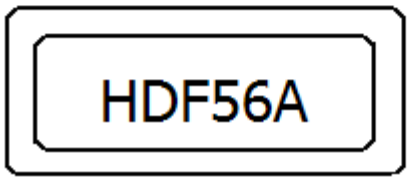
3. ENVIRONMENTAL PERFORMANCE CHARACTERISTICS

Item **Test condition**	**Allowable change of absolute Level in pass band(dB)**
High temperature test **85℃ 500H**	**< 1.0**
Low temperature test **-40℃ 500H**	**<1.0**
Humidity test **40℃ 90-95% 500H**	**<1.0**
Thermal shock **-20℃==25℃==80℃ 5 cycle** **30M 10M 30M**	**<1.0**
Solder temperature test **Sold temp.260℃ for 10 sec.**	**<1.0**
Soldering **Immerse the pins melt solder at 260℃+5/-0℃ for 5 sec.**	**More then 95% of total area of the pins should be covered with solder**

4.MECHANICAL TEST

Item Test condition	Allowable change of absolute Level in pass band(dB)
Vibration test 600-3300rpm amplitude 1.5mm 3 directions 2 H each	<1.0
Drop test On maple plate from 1m high 3 times	<1.0
Lead pull test Pull with 1 kg force For 30 seconds	<1.0
Lead bend test 90° bending.with 500g weigh 2times	<1.0

5. VOLTAGE DISCHARGE TEST

Item Test condition	Allowable Chang of absolute Level in pass band(dB)
Surge test Between any two electrode 	<1.0

6.DIMENSION