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：HDF173.225 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

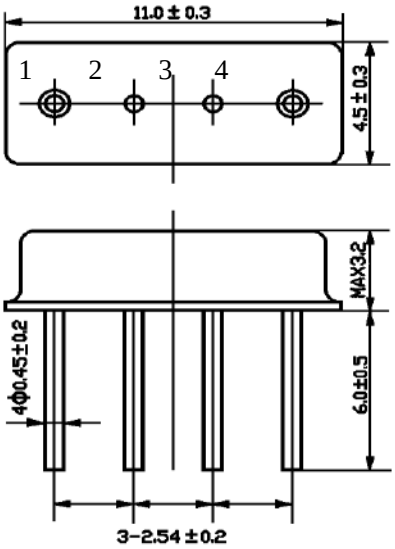
Shoulder Electronics Limited

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.Package Dimension Unit:mm

(F-11)



NO	Function
1	Input
2	Ground
3	Ground
4	Output

2.Marking

HDF173.225
1. Colour : Black or Blue
2. 173.225: Center Frequency (MHz)

3.Performance

3.1Center Frequency:173.225MHz.

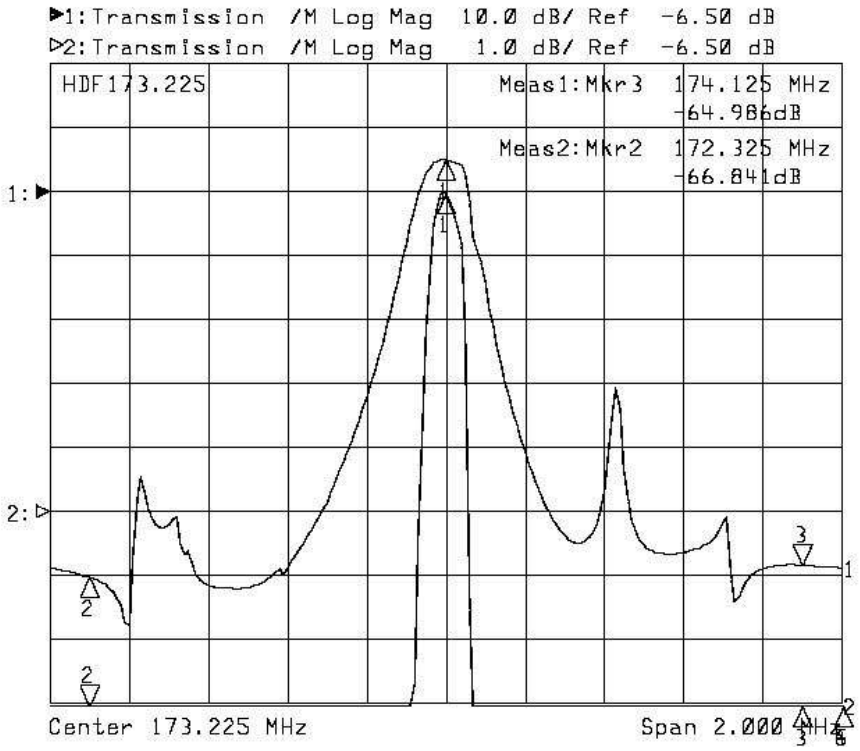
3.2 Maximum Rating

Operation Temperature Range	-40℃to +85℃
Storage Temperature Range	-40℃to +85℃
DC Permissive Voltage	10V DC max
Maximum Input Power	0 dBm

3.3Electronic Characteristics

Item	Specification
Center Frequency (f_0)	173.225MHz
Insertion Loss	5.0dB max f_0±10KHz
Pass Band Ripple	3.0dB max
fo±920KHz~±10MHz	50dB min..
fo±900KHz~±920	65 dB min.

4.Typcal frequency response



5.Reliability

5.1Drop Test : The components shall remain within the electrical specifications after soldered in the PCB board of the model of pager about 100 gs weight, and then loaded 30 trials of matural dropping from the height of 1.2 meters on to an board.

5.2Vibration Fatigue: The components shall remain within the electrical specifications after loaded vibration at 10-120Hz , amplitude 1.5 mm , X, Y, Z, direction ,for 2 hours.

5.3Terminal Strength: The components shall remain within the electrical specifications after pulled 2 Kgs weight for 10 seconds towards an axis of each terminal.

5.4High Temperature Storage: The components shall remain within the electrical specifications after being kept at the 85 ℃±2℃for 960 Hours, then kept at room temperature for 2 hours.

5.5Low Temperature Storage: The components shall remain within the electrical specifications after being kept at the -25 ℃±2℃for 960 Hours, then kept at room temperature for 2 hours.

5.6Temperature Cycle: The components shall remain within the electrical specifications after 5 cycles of high and low temperature testing (one cycle: 80 ℃for 30 minutes 25℃for 5 minutes -25℃ for 30 minutes) than kept at room temperature for 2 hours.

5.7 Humidity Test : The components shall remain within the electrical specification after being kept at the condition of ambient temperature 40±2℃,and 90～95% RH for 960±5hours, then kept at room temperature and normal humidity for 1.5 hours .

4.8 Solder-heat Resistance : The components shall remain within the electrical specifications after dipped in the solder at 350℃ ±5℃for 5 ± 1seconds,then kept at room temperature for 10 mins.(Terminal must be dipped leaving 1.5 mm from the case).

5.9 Solderability : Solderability of terminal shall be kept at more than 80% after dipped in the solder flux at 230 ℃±5℃for 5±1 seconds.

5.10 orage: The components shall meet the electrical and mechanical specifications after 5 years storage, if stored within the temperature range of -20 ℃ ～+60℃and in the humidity of 20 to 60 % r.h.

6.Remarks

6.1 Static voltage

Static voltage between signal load & ground may cause detarioration & destruction of the component. Please avoid static voltage.

6.2 Ultrasonic cleaning

Ultrasonic vibration may cause detarioration & destuction of the component. Please avoid ultrasonic cleaning .

6.3 Soldering

Only leads of component may be solded, Please avoid soldering another part of component.