

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 : _____ HDF465AS F11A _____

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

无锡市好达电子股份有限公司
Shoulder Electronics Limited

更改历史记录

History Record

[illegible]

1. SCOPE

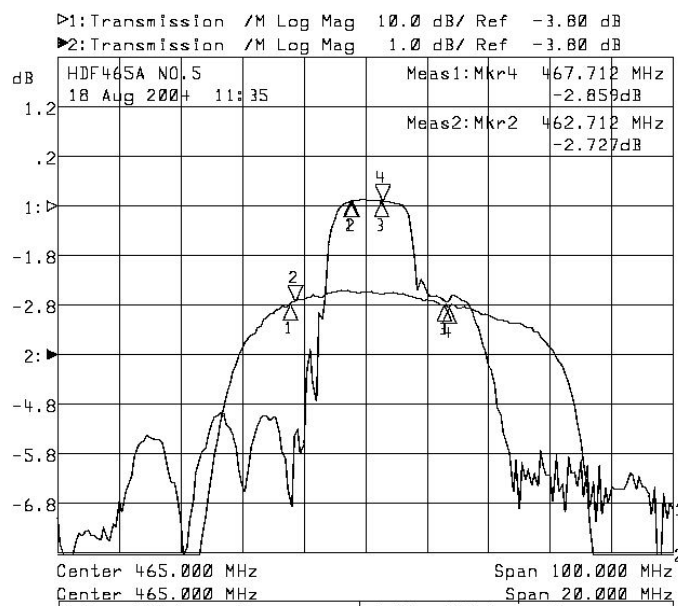
This specification shall cover the characteristics of SAW filter With 465M used for the page system.

2. ELECTRICAL SPECIFICATION

DC Voltage VDC	10V
AC Voltage Vpp	10V50Hz/60Hz
Operation temperature	-20°C to +60°C
Storage temperature	-45°C to +85°C
RF Power Dissipation	0dBm

Electronic Characteristics

2-1. Typical frequency response

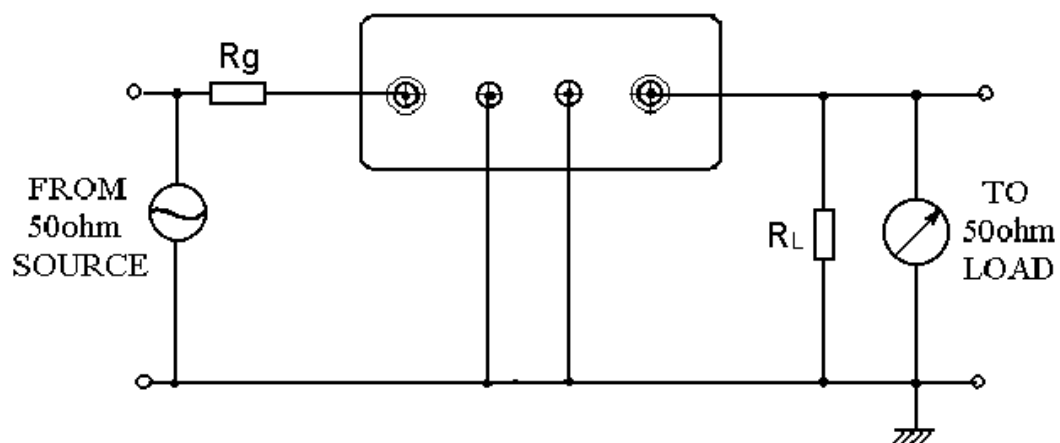


2-2. Electrical characteristics

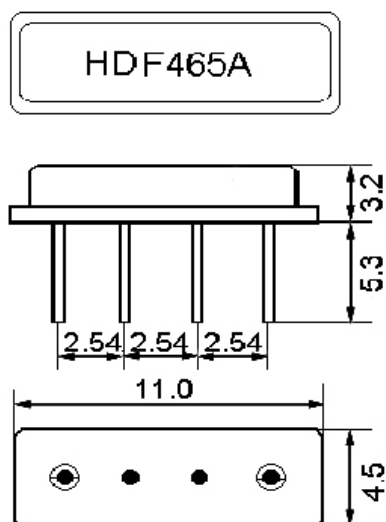
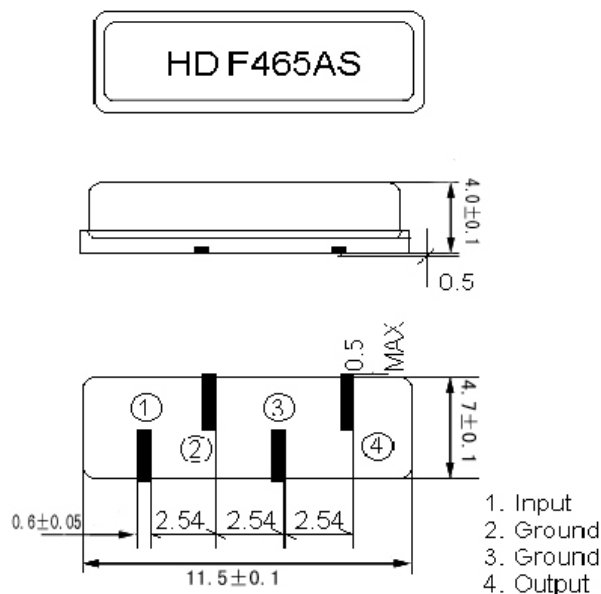
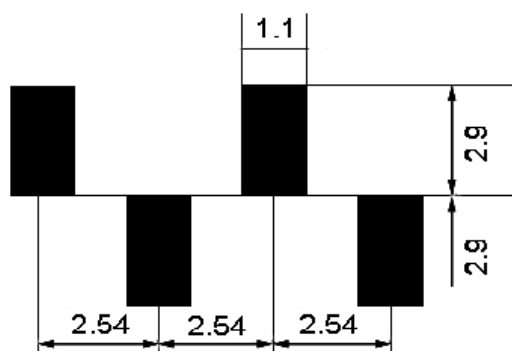
Item	Frequency(MHz)	Specification
Center Frequency(Fo)	465.00	
Passband Width	Fo±3.0	
Insertion Loss	Passband	4.0 dB max.
Ripple Deviation	Passband	1.5 dB max.
Stop band Suppression	Fo-100~Fo-40.8 Fo+40.8-Fo+100	55dB min. 55 dB min.

Input/output Impedance		50Ω//0pF
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3.TEST CIRCUIT



4. DIMENSION

■ DIP TYPE:

■ SEMI-SMD TYPE:

■ Recommended layout of PCB(MM) (Tolerance ± 0.2MM)


5. ENVIRONMENTAL CHARACTERISTICS

5-1 Temperature cycling

Subject the device to a low temperature of -40°C for 30 minutes. Following by a high temperature of +25°C for 5 Minutes and a higher temperature of +85°C for 30 Minutes. Then release the device into the room conditions for 1 to 2 hours prior to the measurement. It shall meet the specifications in table 1.

5-2 Resistance to solder heat

Submerge the device terminals into the solder bath at 260°C ±5°C for 10±1 sec. Then release the device into the room conditions for 4 hours. It shall meet the specifications in table 1.

5-3 Solderability

Submerge the device terminals into the solder bath at $245^{\circ}\text{C} \pm 5^{\circ}\text{C}$ for 5s, More than 95% area of the soldering pad must be covered with new solder. It shall meet the specifications in table 1.

5-4 Mechanical shock

Drop the device randomly onto the concrete floor from the height of 1 m 3 times. the filter shall fulfill the specifications in table 1.

5-5 Vibration

Subject the device to the vibration for 2 hour each in x,y and z axes with the amplitude of 1.5 mm at 10 to 55 hz. The filter shall fulfill the specifications in table 1.

6. REMARK

6.1 Static voltage

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

6.2 Ultrasonic cleaning

Ultrasonic vibration may cause deterioration & destruction of the component. Please avoid ultrasonic cleaning

6.3 Soldering

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