

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: _____ HDF1575A4-S6 _____
MARKING 印字: _____ HDF6G094 _____
PREPARED 编制: _____ CHECKED 审核: _____
APPROVED 批准: _____ D A T E 日期: _____ 2012-5-24 _____

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

1. Features

SAW filter for GPS.

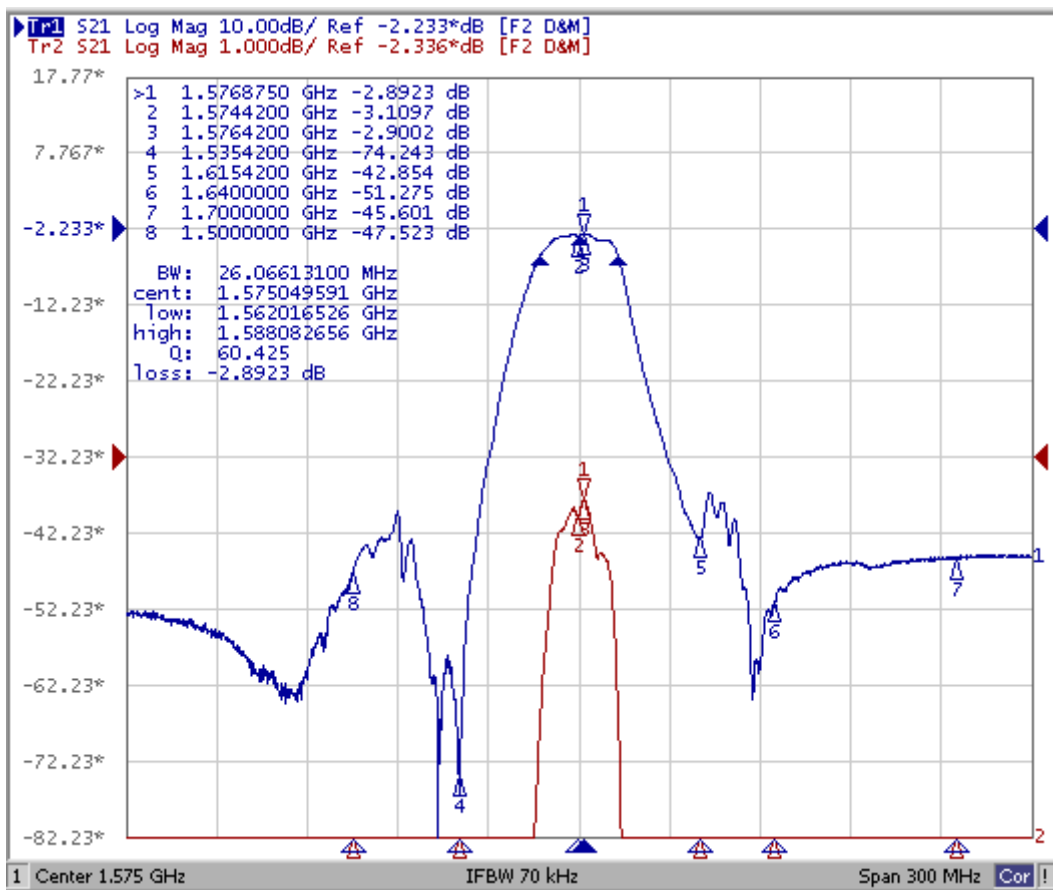
- High stability and reliability with good performance and no adjustment.
- Narrow and sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.
- Low – loss SAW filter for GPS.

2. ELECTRICAL SPECIFICATION

Items	Rating	unit
Maximum Working Voltage	0	V _{dc}
Maximum Working Power	10	dBm
Operating Temperature Range	-40 ~ +95	°C
Storage Temperature Range	-40 ~ +105	°C

Electronic Characteristics

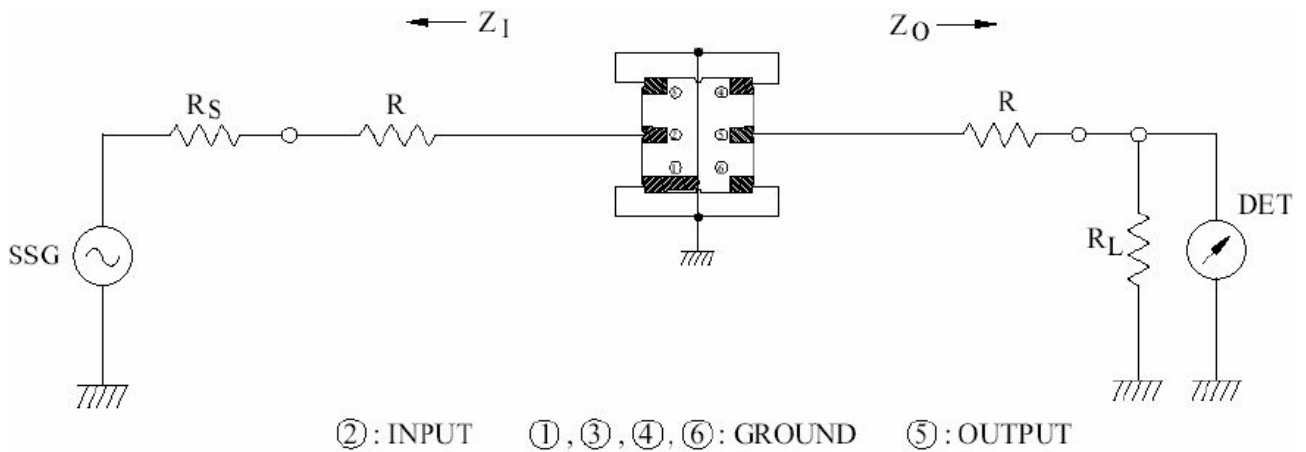
2-1. Typical frequency response



2-2. Electrical characteristics

Items	Test Condition	Min	Typ	Max	Unit
Center Frequency	-	-	1575.42	-	MHz
Insertion Loss	$F_0 \pm 1.0$ MHz	-	3.2	3.5	dB
Ripple Level	$F_0 \pm 1.0$ MHz	-	0.5	1.0	dB
Attenuation	850.00MHz	45	50	-	dB
	1500.00MHz	40	47	-	dB
	1535.42MHz	35	55	-	dB
	1615.42MHz	25	42	-	dB
	1640.00MHz	45	51	-	dB
	1700.00MHz	40	47	-	dB
VSWR	$F_0 \pm 1.0$ MHz	-	1.9	2.3	-
Input/Output Impedance	-	-	50	-	ohm

3. TEST CIRCUIT



R_S, R_L : 50 Ω (Internal Impedance of Source and Load)

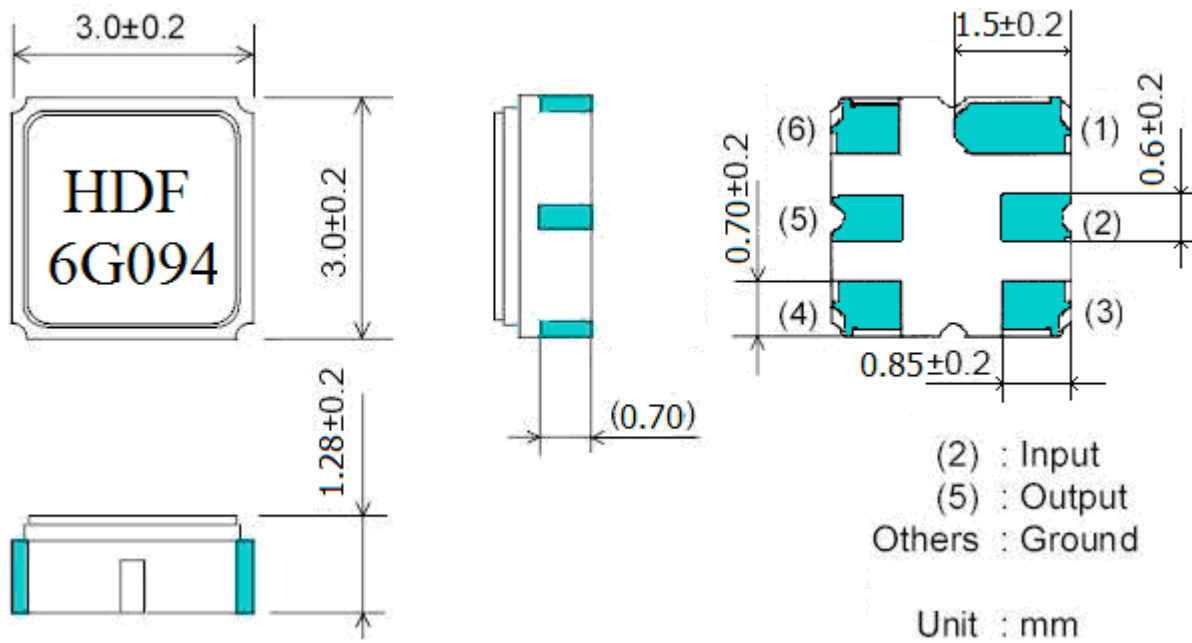
R : 0 Ω

$Z_1(Z_0) = R_S(R_L) + R$

4. DIMENSION

Features

- Package size 3.0 x 3.0 x 1.28 mm
- Package code SMD-6
- **AEC-Q200 compliant**



Marking: HDF6G094

HD: Brand
 F: Filter
 6: SMD-6
 G094: No.