

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: _____ HDF2441E SMD-6 _____
PREPARED 编制: _____ CHECKED 审核: _____
APPROVED 批准: _____ DATE 日期: _____ 2012-8-8 _____

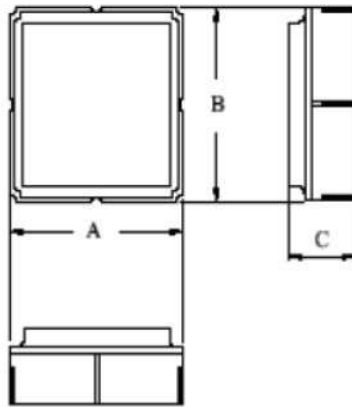
客户确认 CUSTOMER RECEIVED:		
审核 CHECKED	批准 APPROVED	日期 DATE

无锡市好达电子有限公司
Shoulder Electronics Limited

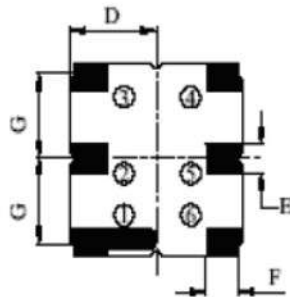
1. Features

- High stability and reliability with good performance and no adjustment.
- Sharp pass band characteristics.
- Low insertion loss and deep stop band attenuation for interference.

2. Package Dimension



DIM	MILLIMETERS
A	3.0±0.1
B	3.0±0.1
C	1.15±0.12
D	1.50 TYP.
E	0.60 TYP.
F	0.85 TYP.
G	1.20 TYP.



PIN NO	FUNCTION
① ③	GROUND
②	SIGNAL
④	SIGNAL

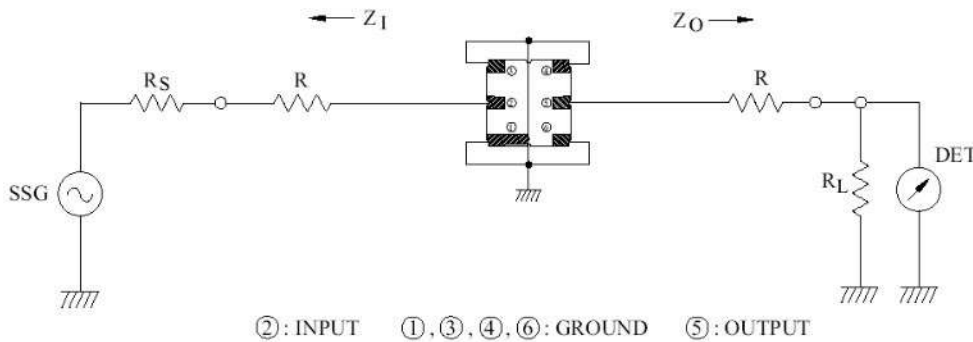
3. Maximum Ratings

Items	Rating	Unit
Input Signal Level	10	dBm
DC Permissive Voltage	3	V _{dc}
Storage Temperature Range	-40 ~ +85	°C

4. Electrical Characteristics

Items	Test Condition	Min.	Typ.	Max.	Unit
Center Frequency	-	-	2441.8	-	MHz
Insertion Loss	2400~2483.5MHz	-	2.2	5.0	dB
Amplitude Ripple (p-p)	2400~2483.5MHz	-	1.2	3.0	dB
Attenuation	DC ~1700MHz	20	29	-	dB
	1700 ~2200MHz	25	32	-	dB
	2544 ~ 2627MHz	30	35	-	dB
	2700 ~ 3100MHz	25	30	-	dB
	3100 ~4000MHz	25	30	-	dB
	4000 ~ 5000MHz	10	20	-	dB
VSWR	2400~2483.5MHz	-	1.8	2.6	-
Input/Output Impedance	-	-	50	-	Ω

5. Matching Configuration



$R_S, R_L : 50 \Omega$ (Internal Impedance of Source and Load)

$R : 0 \Omega$

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

6. Typical Performance

