

规格书编号

SPEC NO :

产品规格书

SPECIFICATION

CUSTOMER 客户: _____
PRODUCT 产品: **LC FILTER**
MODEL NO 型号: **HD L2010**
PREPARED 编制: Luopeng CHECKED 审核: Houshihong
APPROVED 批准: CHARLES DATE 日期: 2007-01-25

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

- Wide selection of cut-off frequencies
- Excellent rejection
- Custom models available

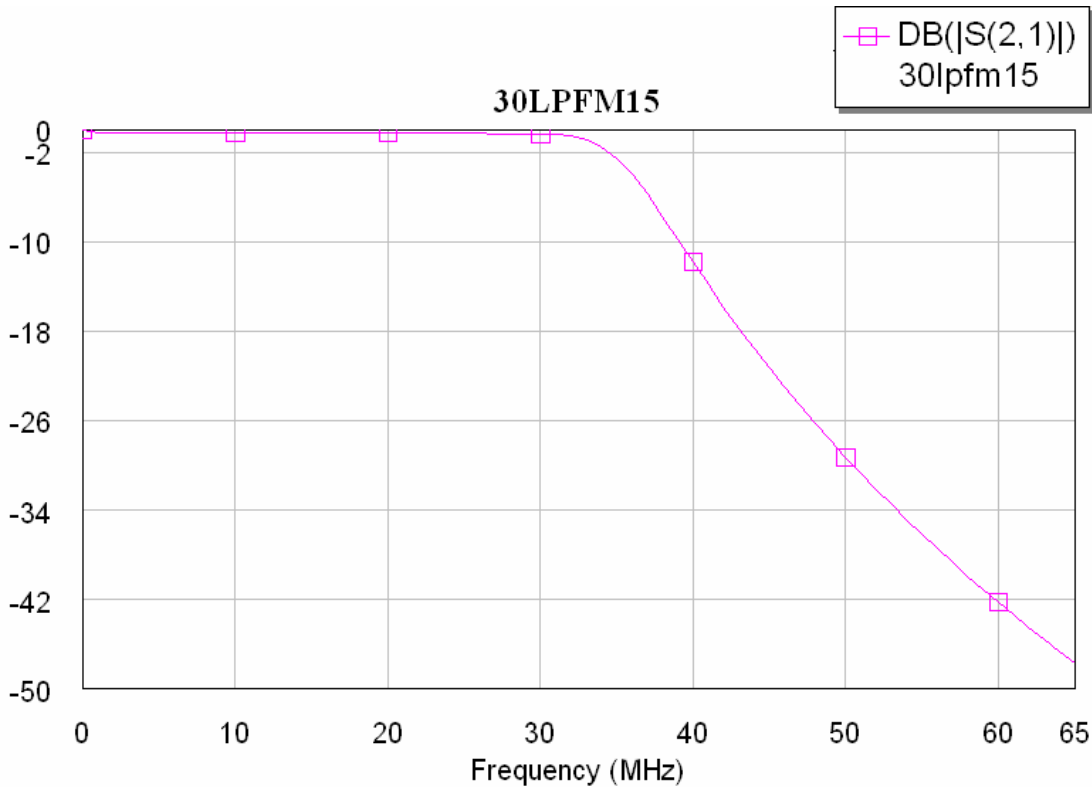
2. APPLICATIONS

- Defense communications
- Receivers/transmitters
- Harmonic rejection of VCOs

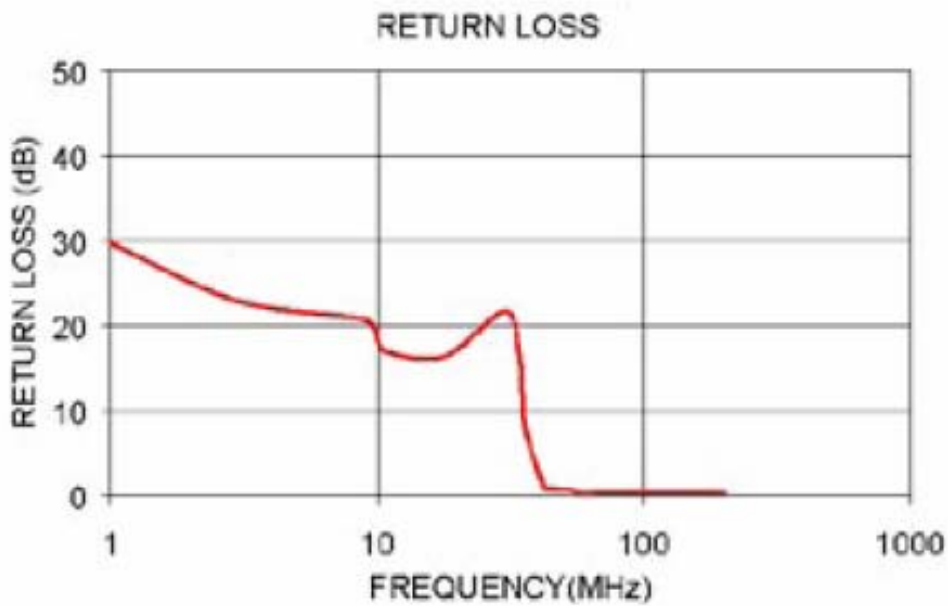
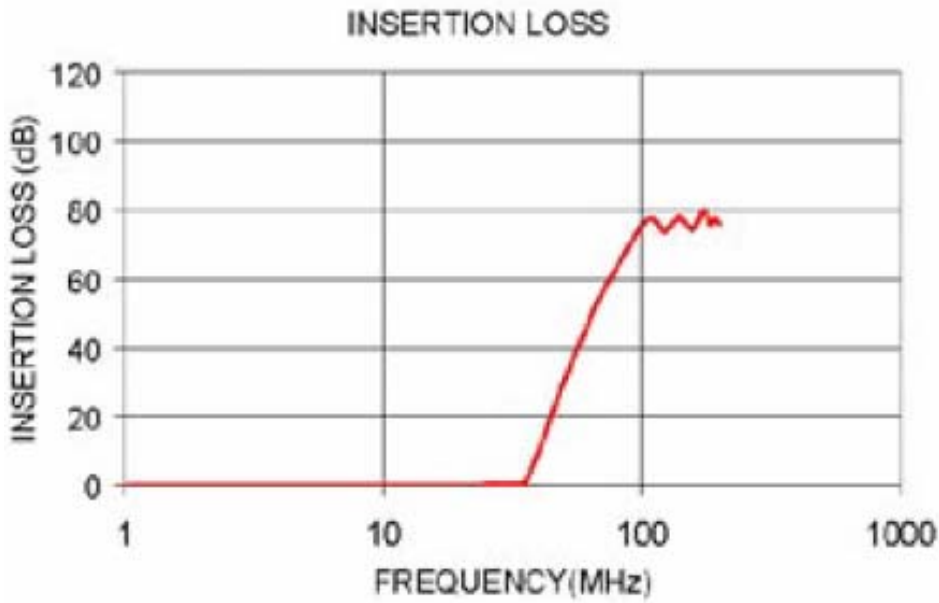
3. ELECTRICAL SPECIFICATION

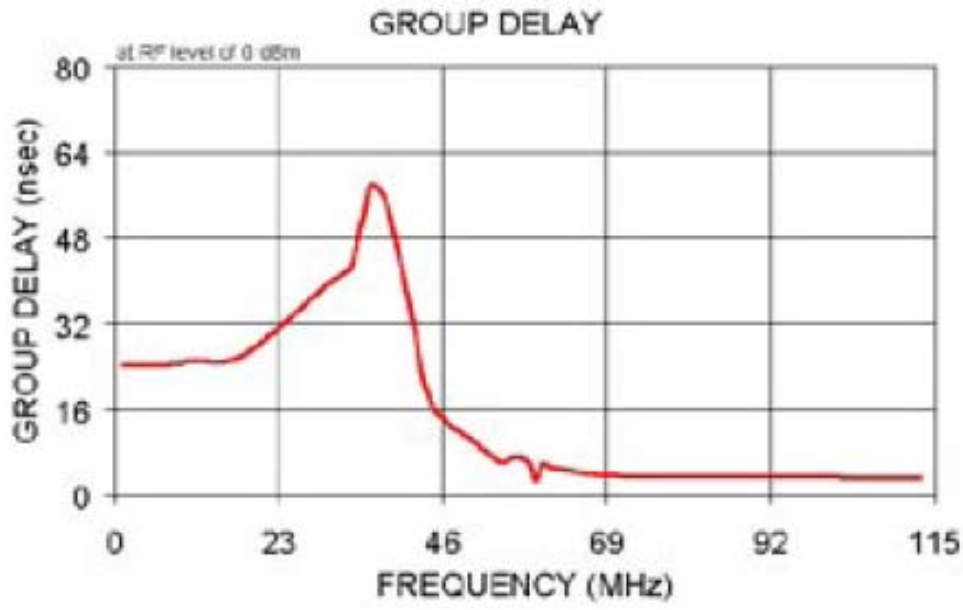
Operation temperature	-40°C to +85°C
Storage temperature	-55°C to +100°C
RF Power Input	0.5W max

Typical frequency response



Fco (MHz) Nom Loss 3dB	PASSBAND (MHz)	STOPBANDS (MHz)		VSWR (:1)	
	Loss<1dB	Loss>20dB	Loss>40dB	Passband Typ.	Stopband Typ.
35	DC-30	47-61	61-200	1.7	18

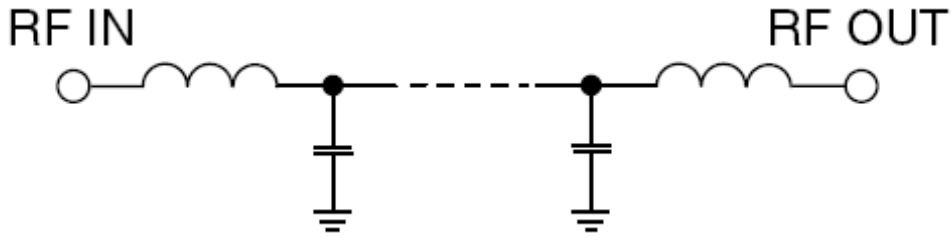




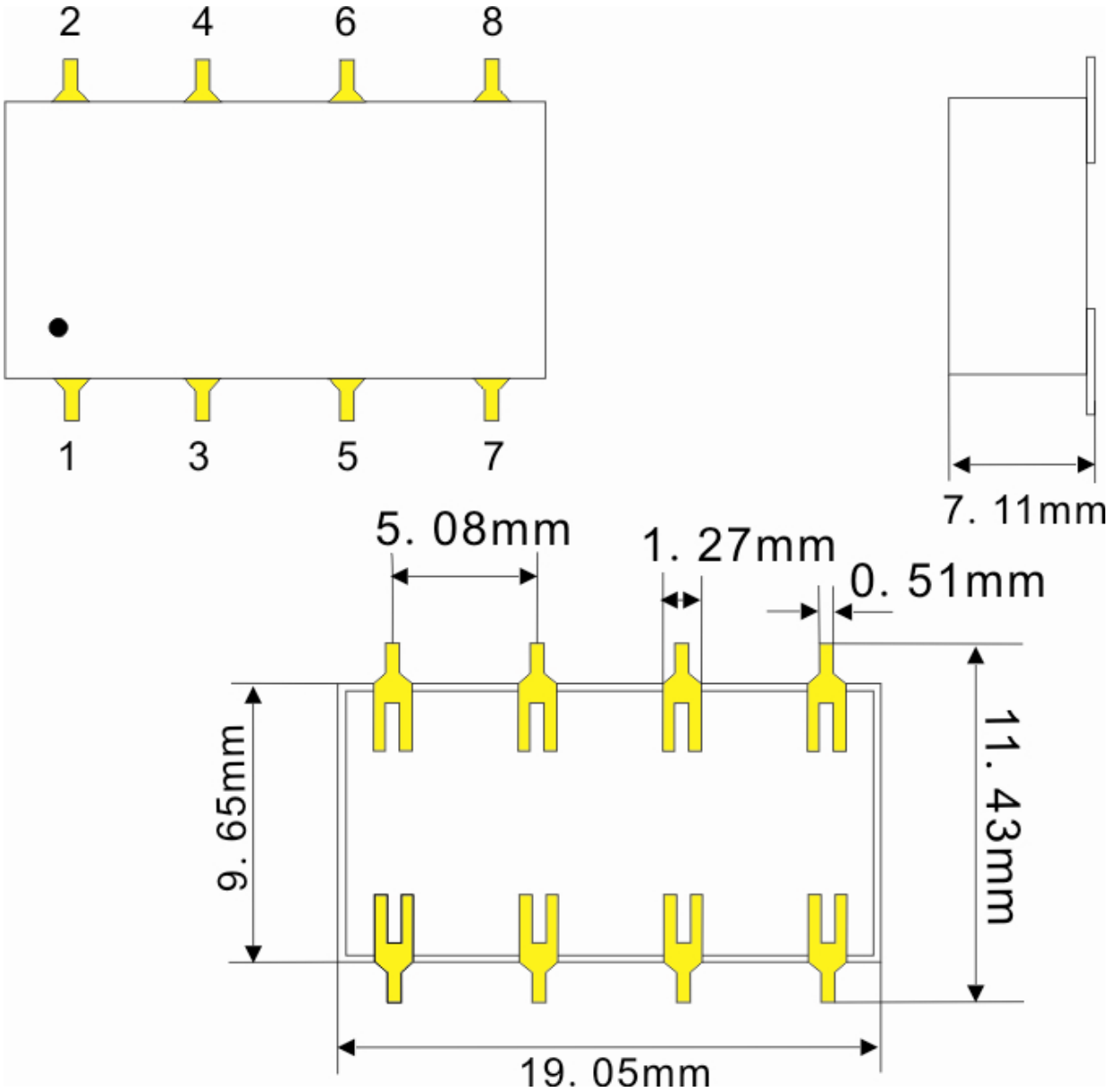
3-2.Electrical characteristics

Frequency (MHz)	Insertion Loss (dB)		Return Loss (dB)	Frequency (MHz)	Group Delay (nsec)
	\bar{x}	σ			
1.00	0.04	0.10	29.60	1.00	24.20
3.00	0.07	0.10	22.80	3.00	24.20
9.00	0.13	0.10	20.60	9.00	24.50
10.00	0.15	0.10	18.20	10.00	25.00
11.00	0.17	0.10	16.70	11.00	25.20
18.00	0.27	0.10	16.30	18.00	26.10
30.00	0.45	0.10	21.60	30.00	39.50
34.00	0.59	0.10	17.00	33.00	42.30
35.00	0.90	0.20	11.70	34.00	47.70
36.00	1.64	0.50	7.60	35.00	52.80
42.00	14.01	1.80	1.00	36.00	58.10
44.00	18.75	1.70	0.80	38.00	54.80
45.00	20.87	1.70	0.80	42.00	31.20
46.00	22.85	1.60	0.70	43.00	22.80
47.00	24.78	1.60	0.70	44.00	18.50
49.00	28.37	1.50	0.60	45.00	15.50
54.00	36.33	1.40	0.50	46.00	14.40
58.00	41.83	1.10	0.10	47.00	12.90
59.00	43.10	1.10	0.10	49.00	11.30
60.00	44.18	1.10	0.10	51.00	9.20
61.00	45.51	0.90	0.00	54.00	6.20
70.00	55.55	1.50	0.30	56.00	6.90
105.00	77.30	9.90	0.30	58.00	6.20
122.00	73.76	4.40	0.30	59.00	2.70
139.00	78.03	9.10	0.30	60.00	5.80
157.00	74.23	4.80	0.20	61.00	5.20
174.00	79.94	4.80	0.20	70.00	3.60
183.00	75.66	3.00	0.20	96.00	3.40
191.00	77.64	7.00	0.20	105.00	3.20
200.00	75.91	6.00	0.20	113.00	3.10

4. TEST CIRCUIT



5. DIMENSION



1	INPUT	5	GROUND
2	GROUND	6	GROUND
3	GROUND	7	GROUND
4	GROUND	8	OUTPUT