

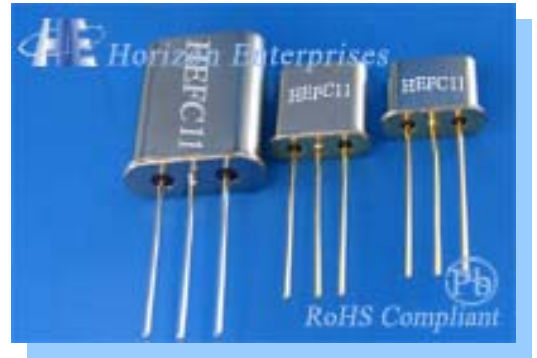
滤波器 Filters Unit

产品型号 HEFC11-HC-49U-3F & UM-1 \ UM-5 3F

产品特征 Features

- 单片晶体滤波器 Monolithic Crystal Filters
- 2 和 4 极 2 and 4 Poles
- 3 引线包装 3-Lead Packages
- 多方式包装 Multiple Package Available

HUNAN HORIZON ELECTRONICS CO.,LTD.



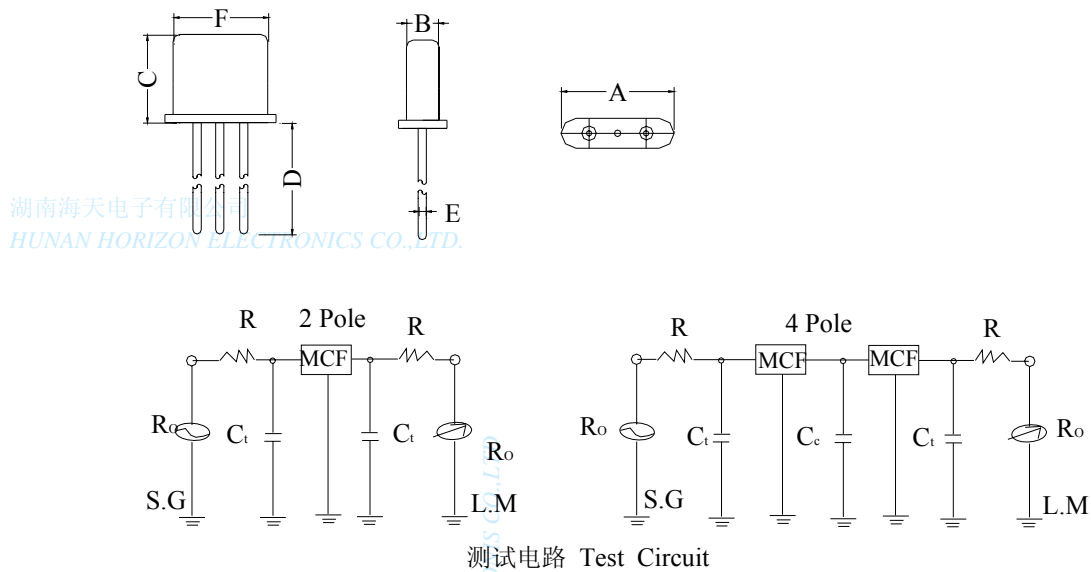
产品规格 Specification

封装型式	型号	极数	通带带宽	衰减带宽	波动	插入损耗	损耗	阻抗(输入/输出)
Nominal Package	Model	No.of Poles	Pass Bandwidth dB(kHz)	Attenuation Bandwidth dB(kHz)	Ripple dB	Insertion Loss dB	Guaranteed Attenuation dB	Terminating Impedance kΩ //pf
49/T	10M7.5A	2	3(±3.75)	20(±18)	0.5	2.0	30	1.5//5.0
49/TX2	10M7.5B	4	3(±3.75)	40(±21)	1.0	2.5	40	1.5//5.0
49/T	10M12A	2	3(±6.0)	18(±23)	0.5	2.0	20	2.5//2.5
49/TX2	10M12B	4	3(±6.0)	40(±20)	1.0	2.5	40	1.5//2.0
49/T	10M14A	2	3(±6.5)	18(±25)	0.5	1.5	30	2.4//1.9
49/T	10M15A	2	3(±7.5)	18(±25)	0.5	2.0	20	3.0//2.0
49/TX2	10M15B	4	3(±7.5)	40(±25)	1.0	2.5	50	3.0//2.0
49/T	10M20A	2	3(±10)	18(±34)	0.5	2.0	20	3.9//0
49/TX2	10M20B	4	3(±10)	40(±34)	1.0	2.5	40	3.9//0
49/T	10M30A	2	3(±15)	15(±50)	1.0	2.0	15	5.0//0
49/TX2	10M30B	4	3(±15)	25(±40)	0.5	2.5	30	5.5//1
UM-1	21M7.5A	2	3(±3.75)	18(±14)	0.5	2.0	20	0.85//5
UM-1X2	21M7.5B	4	3(±3.75)	40(±14)	1.0	2.5	40	0.85//5
UM-1	21M12A	2	3(±6.0)	18(±23)	0.5	2.0	20	1.2//2.5
UM-1X2	21M12B	4	3(±6.0)	40(±20)	1.0	2.5	40	1.2//2.5
UM-1	21M15A	2	3(±7.5)	18(±25)	0.5	1.5	20	1.5//2.0
UM-1X2	21M15B	4	3(±7.5)	40(±25)	1.0	2.0	40	1.5//2.0
UM-1	21M20A	2	3(±10)	18(±34)	0.5	1.5	20	2.2//1
UM-1X2	21M20B	4	3(±10)	40(±34)	1.0	2.0	40	2.2//1
UM-1	21M30A	2	3(±15)	15(±50)	0.5	1.5	20	3.0//0
UM-1X2	21M30B	4	3(±15)	30(±45)	1.0	2.0	40	3.0//0
UM-5	45M15A	2	3(±3.75)	18(±28)	1.0	2.0	40	3.0//1.5
UM-5X2	45M15B	4	3(±3.75)	40(±30)	1.0	3.0	70	3.0//1
UM-5X2	45M20B	4	3(±10)	30(±35)	1.0	3.0	70	5.0//1.0
UM-1	45M30A	2	3(±15)	18(±32)	1.0	2.0	40	8.0//1.5
UM-5X2	45M30B	4	3(±15)	30(±50)	1.0	3.0	70	8.0//1.5

工作温度范围: -20℃~70℃

Operating temperature range: -20℃~70℃

外形尺寸(单位:毫米) Figure and Dimensions (Unit: mm)



选型尺寸表 Dimensions Table

Holder Type	A	B	C	D(min)	E	F
UM-1	7.8±0.2	3.0±0.2	7.8±0.2	12.7	φ0.35±0.05	3.75±0.2
UM-5	7.8±0.2	3.0±0.2	5.8±0.2	12.7	φ0.35±0.05	3.75±0.2
HC-49/U	7.8±0.2	4.4±0.3	13.0±0.3	12.7	φ0.43±0.05	4.88±0.2

订购须知 Order Information

HEFC11□-Frequency-Packaging

HEFC11□	产品系列 Product Family (Holder Type)
	<ul style="list-style-type: none"> ■ A for UM-1-3F ■ B for UM-5-3F ■ C for HC-49U-3F
Frequency	频率 Frequency (MHz)
Packaging	包装 Packaging
	<ul style="list-style-type: none"> ■ B for Bulk
pole	Pole 电极数
	<ul style="list-style-type: none"> ■ A for 2 Pole ■ B for 4 Pole

订购举例: Example: HEFC11A-10.700MHz-B-B

HEFC11A	产品系列 Product Family (Holder Type)
	<ul style="list-style-type: none"> ■ A for UM-1-3F
10.700MHz	频率 Frequency \ f ₀ =10.700MHz
B	包装 Packaging for Bulk
B	电极数 B for 4 Pole

[Http:// www.horizonxtal.com](http://www.horizonxtal.com)

国际贸易 Horizon International Marketing

E-mail: horizoncrystals@163.net

Fax: 0086 731 8442 2043

Tel: 0086 731 8442 3897 / 8222 4572

国内贸易 Horizon Domestic Marketing

E-mail: hqq226@163.net

Fax: 0086 731 8805 0850

Tel: 0086 731 8805 0851 / 8805 0780