

深圳市亿金电子有限公司

TEL:0755-27876565 http://www.yijindz.com QQ:857950243

型号命名 PART NUMBERING

▶ 低频滤波器kHz Ceramic Filter (一)

LT M 455 E U C A00 - B0

① 产品类别product type

② 结构、尺寸structure & size

M: 小型DIP型 small DIP

S: 低背型DIP型low DIP

C: 塑壳封装SMD型plastic frame SMD

D: 陶瓷封装SMD型ceramic frame SMD

普通DIP型common DIP type: 省略abbreviation

③ 标称中心频率nominal center frequency

单位为kHz (三到四位数字表示) 3 to 4 digit numerals, the unit is kHz

④ 类型type

带宽band width (kHz)

A: ± 17.5 ; F: ± 6.0 ; B: ± 15 ; G: ± 4.5 ; C: ± 12.5 ; H: ± 3.0 ; D: ± 10.0 ; I: ± 2.0 ; E: ± 7.5

(有后缀T时,表示此带宽的高阻带型suffix T means with high attenuation)

⑤ 振子数、振动模式 number of elements/oscillation mode

U: 4振子, 轮廓4 elements, area expansion mode

W: 6振子, 轮廓6 elements, area expansion mode

⑥ 中心频率允许偏差center frequency tolerance

B: ± 1 kHz; C: ± 2 kHz; D: ± 1.5 kHz

⑦ 特殊规格individual specification

⑧ 包装packaging

▶ 低频滤波器 kHz Ceramic Filter (二)

LT B 455 BL2 C H00 - B0

① 产品类别product type

② 振子数、振动模式 number of elements/oscillation mode

P: 单振子, 轮廓signal element, area expansion mode

Z: 单振子, 轮廓, 双器件粘连式signal element, area expansion mode, two elements direct coupling type

B: 双振子, 长度two elements, length mode

U: 单振子, 轮廓(LZ型) signal element, area expansion (LZ type)

LT□A型LT□A type: 省略abbreviation

③ 标称中心频率nominal center frequency

单位为kHz (三到四位数字表示) 3 to 4 digit numerals, the unit is kHz

④ 类型type

带宽band width

⑤ 中心频率允许偏差center frequency tolerance

3: ± 0.3 kHz; 5: ± 0.5 kHz; B: ± 1 kHz; C: ± 2 kHz; D: ± 1.5 kHz

⑥ 特殊规格individual specification

⑦ 包装packaging

▶ 低频鉴频器 kHz Ceramic Discriminator

JT M 455 C Y 28 C A00 - B0

① 产品类别product type

② 结构structure

M: DIP型DIP type

C: SMD型SMD type

③ 标称中心频率nominal center frequency

单位为kHz (三到四位数字表示) 3 to 4 digit numerals, the unit is kHz

④ 检波方式detect mode

C: 正交检波quadrature detection

⑤ 类型type

Y: 高容量型(低容量型省略) high capacitance type(low capacitance type abbreviation)

⑥ 序列号serial No

与IC型号有关(三到四位数字表示) related with IC, 3 to 4 digit numerals

⑦ 中心频率允许偏差center frequency tolerance

2: ± 0.2 kHz; 3: ± 0.3 kHz; 5: ± 0.5 kHz; B: ± 1 kHz; C: ± 2 kHz; D: ± 1.5 kHz; E: ± 0.8 kHz

⑧ 特殊规格 individual specification

⑨ 包装packaging

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LT455/450□U/W 系列通讯机用陶瓷滤波器 LT455/450□U/W Series of Ceramic Filter For Communication

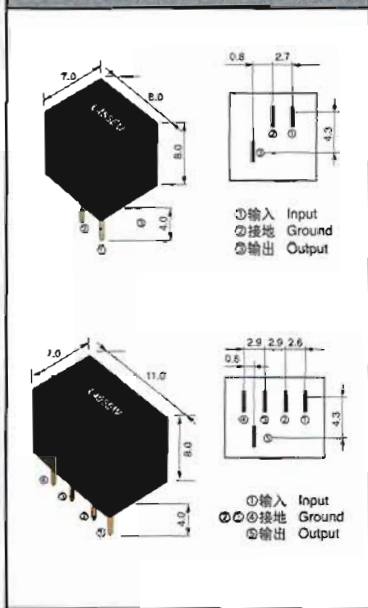
455-450kHz

技术特性 TECHNICAL CHARACTERISTICS

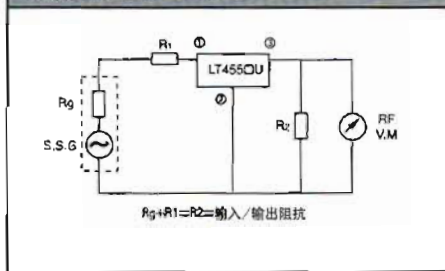
型号 Part Number		中心频率* Center Frequency (kHz)	插入损耗 Insertion Loss (dB) max	通带波动 Pass Band Ripple (dB)max	6分贝带宽 6dB Band Width (kHz) min	40分贝带宽 40dB Band Width (kHz)max(LT455□U)	50分贝带宽 50dB Band Width (kHz)max(LT455□W)	阻带衰减 Spurious Attenuation f ₀ ±100kHz(dB)min (LT455□U) (LT455□W)		输入/输出阻抗 Input/Output Impedance(Ω)
LT455BU	LT455BW	455±2.0	4	2	±15	±30	±30	30	40	1500
LT455CU	LT455CW	455±2.0	4	2	±12.5	±24	±24	30	40	1500
LT455DU	LT455DW	455±1.5	4	2	±10	±20	±20	30	40	1500
LT455EU	LT455EW	455±1.5	6	2	±7.5	±15	±15	30	40	1500
LT455FU	LT455FW	455±1.5	6	2	±6	±12.5	±12.5	30	40	2000
LT455GU	LT455GW	455±1.5	6	2	±4.5	±10	±10	30	40	2000
LT455HU	LT455HW	455±1.0	6	2	±3	±9	±9	30	40	2000
LT455HTU	LT455HTW	455±1.0	6	2	±3	±9	±9	35	60	2000
LT455IU	LT455IW	455±1.0	6	2	±2.0	±7.5	±7.5	30	40	2000
LT455ITU	—	455±1.0	6	2	±2.0	±7.5	—	35	—	2000

*也适用中心频率450kHz的滤波器
Center frequency 450kHz is also available

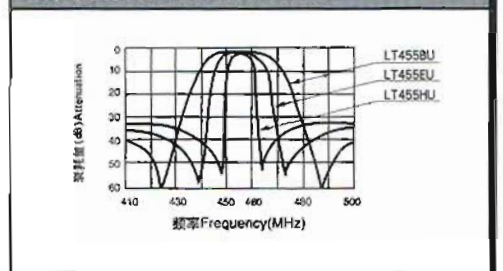
外形与尺寸 FIGURE AND DIMENSIONS



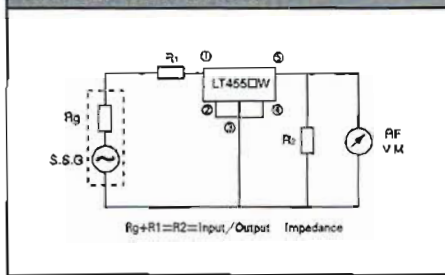
测试电路 TEST CIRCUIT



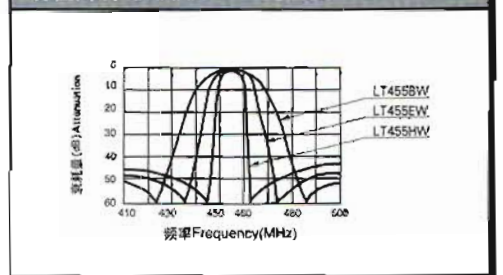
特性曲线 CHARACTERISTICS



测试电路 TEST CIRCUIT



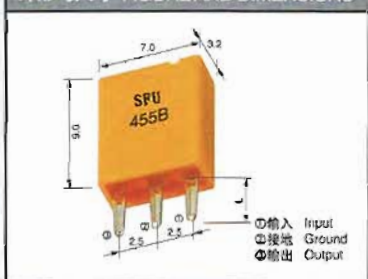
特性曲线 CHARACTERISTICS



LTP 系列调幅用陶瓷滤波器 LTP Series of Ceramic Filter For AM

450-470kHz

外形与尺寸 FIGURE AND DIMENSIONS



技术特性 TECHNICAL CHARACTERISTICS

型号 Part Number	3分贝带宽 3dB Band Width (kHz)	中心频率 Center Frequency (f ₀)(kHz)	选择性 Selectivity (dB)min		插入损耗 Insertion Loss (dB)max	结构 Composition	引线长 Lead Length L (mm)	
			-9kHz off	+9kHz off			L1	L2
LTP455A	9.5±3	455±2	5.0	3.0	5.0	单片件级间用 one element	3.6	5.0
LTP455B	9.5±3	462±2	5.0	3.0	5.0	单片件与中周 适用 one element with IFT		
LTP450BY	7±2	455±2	6.0	5.0	5.0			
LTP450BY1	4.5±1.5	452.5±2	9.0	8.0	5.0			

中心频率可以根据需要在450-470kHz范围内选择 Center Frequency(f₀) is available in a range of 450-470kHz
标称频率公差 ±2 kHz. The nominal frequency tolerance is ±2 kHz

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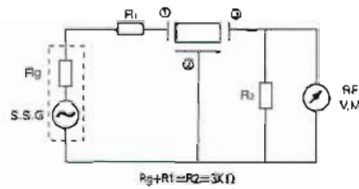
LTP 系列调幅用陶瓷滤波器 LTP Series of Ceramic Filter For AM

450-470kHz

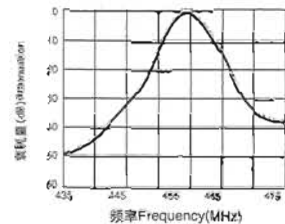
推荐中频变压器 (7mm正方形)
Recommended IFT (7mm Square)

项目 Item	类型 Type	LTP455B		
绕组规格 Winding Specification		①~②	②~③	③~④
底视图 From bottom				
空载Q值 unloaded Q _u		70T	115T	7T
调谐电容量 Tuning Capacity		108PF		

测试电路 TEST CIRCUIT



特性曲线 CHARACTERISTICS



LTM455/450□U/W 系列通讯机用陶瓷滤波器 LTM455/450□U/W Series of Ceramic Filter For Communication

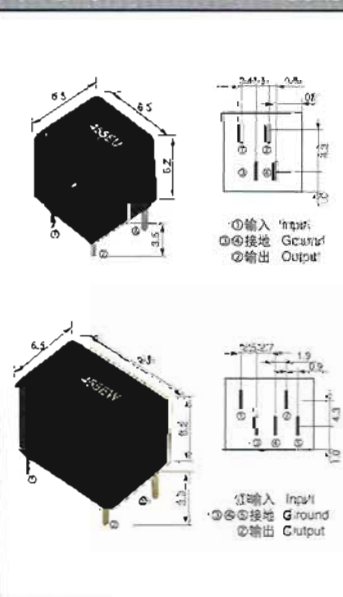
455-450kHz

技术特性 TECHNICAL CHARACTERISTICS

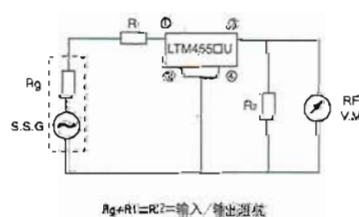
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LTM455DU LTM455DW	455±1.5	4	2	±10	±20	±20	30 40	1500
LTM455EU LTM455EW	455±1.5	6	2	±7.5	±15	±15	30 40	1500
LTM455FU LTM455FW	455±1.5	6	2	±6	±12.5	±12.5	30 40	2000
LTM455GU LTM455GW	455±1.5	6	2	±4.5	±10	±10	30 40	2000
LTM455HU LTM455HW	455±1.0	6	2	±3	±9	±9	30 40	2000
LTM455HTU LTM455HTW	455±1.0	6	2	±3	±9	±9	35 60	2000
LTM455IU LTM455IW	455±1.0	6	2	±2.0	±7.5	±7.5	30 40	2000
LTM455ITU	—	6	2	±2.0	±7.5	—	35 —	2000

*也适用中心频率450kHz的滤波器 Center frequency 450kHz is also available

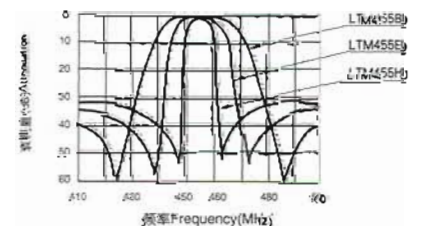
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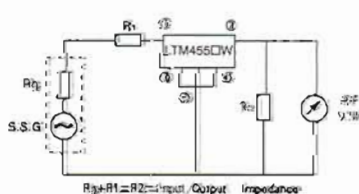
测试电路 TEST CIRCUIT



特性曲线 CHARACTERISTICS



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