

深圳市亿金电子有限公司

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型号命名 PART NUMBERING

低通滤波器kHz Ceramic Filter (一)

LT M 455 E U C A00 - B0

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- 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

低通滤波器 kHz Ceramic Filter (二)

LT B 455 BL2 C H00 - B0

① ② ③ ④ ⑤ ⑥ ⑦

- 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 ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

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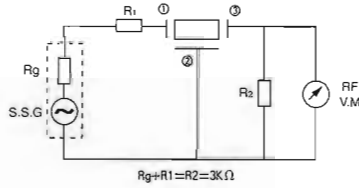
LTP 系列调幅用陶瓷滤波器 LTP Series of Ceramic Filter For AM

450-470kHz

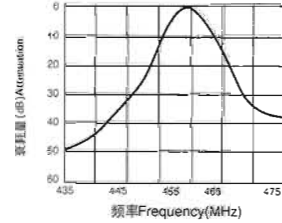
推荐中频变压器 (7mm正方形)
Recommended IFT(7mm Square)

项目 Item	类型 Type	LTP455B		
绕组规格 Winding Specification		①~②	②~③	④~⑤
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

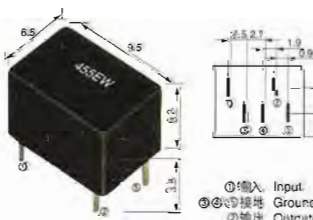
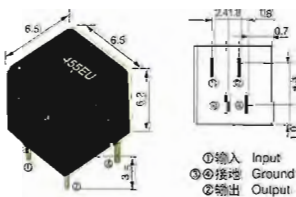
455-450kHz

技术特性 TECHNICAL CHARACTERISTICS

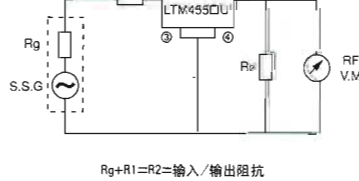
型号 Part Number	中心频率* Center Frequency (kHz)	插入损耗 Insertion Loss (dB) max	通带波动 Pass Band Ripple (dB) max	6分贝带宽 6dB Band Width (kHz) min	40分贝带宽 40dB Band Width (kHz) max (LTM455□U)	50分贝带宽 50dB Band Width (kHz) max (LTM455□W)	阻带衰减 Spurious Attenuation f _s ± 100kHz (dB) min (LTM455□U) / (LTM455□W)	输入/输出阻抗 Input/Output Impedance (Ω)
LTM455BU LTM455BW	455 ± 2.0	4	2	± 15	± 30	± 30	30 40	1500
LTM455CU LTM455CW	455 ± 2.0	4	2	± 12.5	± 24	± 24	30 40	1500
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

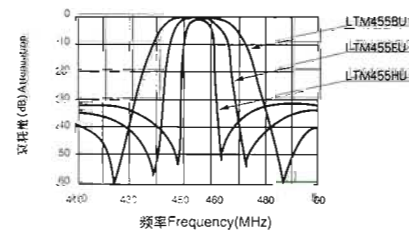
外形与尺寸 FIGURE AND DIMENSIONS



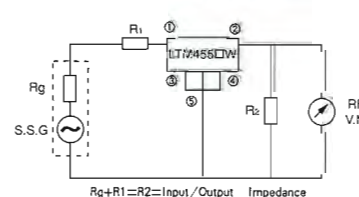
测试电路 TEST CIRCUIT



特性曲线 CHARACTERISTICS



测试电路 TEST CIRCUIT



特性曲线 CHARACTERISTICS

