

深圳市亿金电子有限公司

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型号命名 PART NUMBERING

▶ 低频滤波器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

▶ 低频滤波器 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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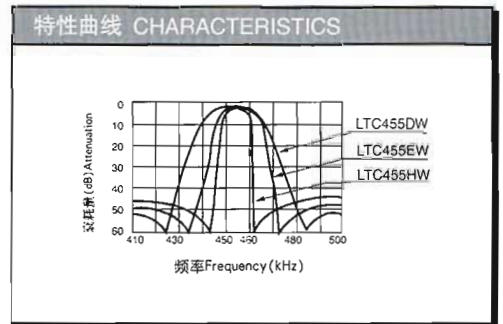
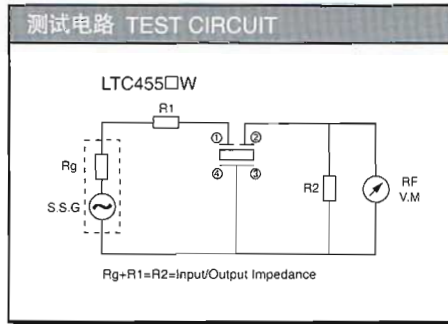
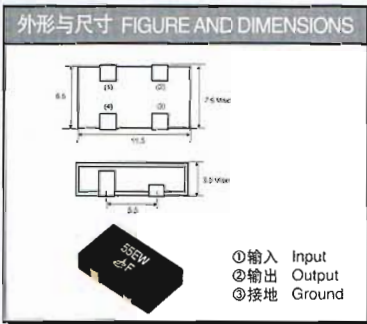
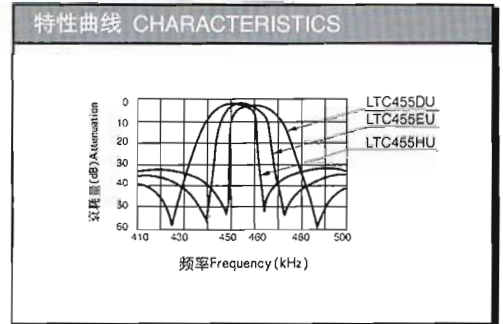
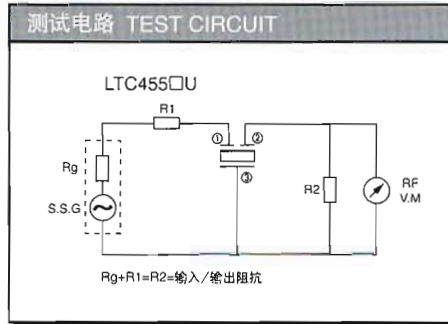
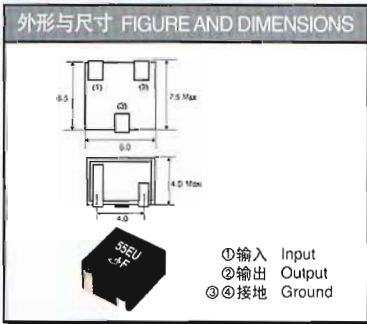
LTC455/450U/W 系列通讯机用陶瓷滤波器
LTC455/450U/W Series of Ceramic Filter For Communication

450-470kHz

技术特性 TECHNICAL CHARACTERISTICS

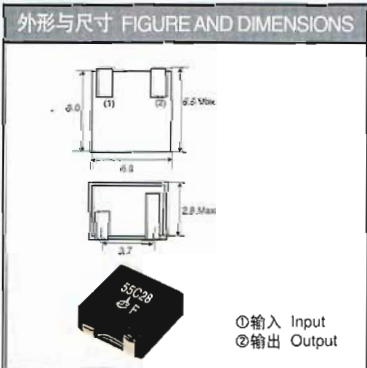
型号 Part Number	中心频率 Center Frequency (fn)(kHz)	插入损耗 Insertion Loss (dB) max		通带波动 Pass Band Ripple (dB)max	6分贝带宽 6dB Band Width (kHz) min	40分贝带宽 40dB Band Width LTC455U(kHz)min	50分贝带宽 50dB Band Width LTC455W(kHz)min	阻带衰减 Spurious Attenuation (455±100kHz)(dB)min		输入/输出阻抗 Input/Output Impedance(Ω)
		LTC455U	LTC455W					LTC455U	LTC455W	
LTC455DU LTC455DW	455±1.5	4	4	2	±10.0	±20	±20	27	45	1500
LTC455EU LTC455EW	455±1.5	6	6	2	±7.5	±15	±15	27	45	1500
LTC455FU LTC455FW	455±1.5	6	6	2	±6.0	±12.5	±12.5	27	45	1500
LTC455GU LTC455GW	455±1.5	6	6	2	±4.5	±10	±10	25	45	1500
LTC455HU LTC455HW	455±1.5	6	6	2	±3.0	±9.0	±9.0	25	45	2000

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



JTC 系列通讯机用陶瓷鉴频器
JTC Series of Ceramic Discriminator For Communication

455kHz



技术特性 TECHNICAL CHARACTERISTICS

型号 Part Number	中心频率 Center Frequency (fn)(kHz)	解调音频 3分贝带宽 Recovered Audio 3dB BW (kHz)min	解调音频输出 Recovered Audio Output (mV)min	失真度 Distortion Factor (At fn)(%)max	适用IC Applicable IC
JTC455C24	455±2	±4.0	100±40	2.0	TA31136
JTC455C28	455±2	±4.0	40±20	3.0	TA31142
JTC455C29	455±2	±4.0	125±30	2.5	NE605
JTC455C32	455±2	±4.0	40±20	3.0	TA31143
JTC455C49	455±2	±4.0	45±20	3.0	MC3361
JTC455C50	455±2	±4.0	65±20	4.0	CXA3117N