



## CERAMIC FILTER FOR COMMUNICATION

## 通讯设备用陶瓷滤波器



### 2+2 PIN Version 6.5x6.5x6.2 mm

- Bandwidths from  $\pm 2.0\text{KHz} \sim \pm 15.0\text{KHz}@6\text{dB}$
- High selectivity
- Resin molded package for easy PCB mounting
- Operating temperature range:  $-20$  to  $+80^\circ\text{C}$
- Storage temperature range:  $-40$  to  $+85^\circ\text{C}$



RoHS compliant

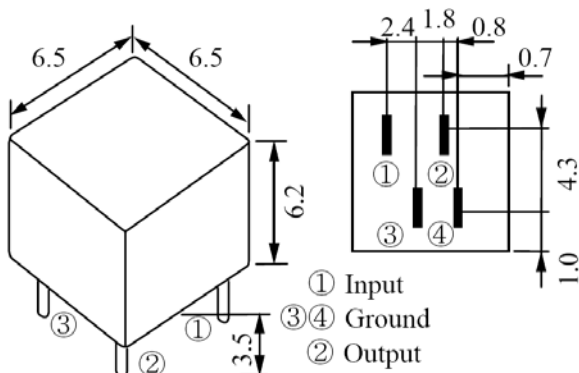
### ★ PARAMETERS

### 技术参数

Model	Centre Frequency Fc (KHz)	6dB Band Width (KHz) min	50dB Band Width (KHz) max	Stop Band Attenuation Fc $\pm$ 100KHz (dB) min	Pass Band Ripple (dB) max	Insertion Loss (dB) max	Input/Output Impedance ( $\Omega$ )	Operating Temperature Range
LTM450BU	450.0	$\pm 15.0$	$\pm 30.0$	27	3.0	4.0	1500	$-20 \sim +80^\circ\text{C}$
LTM450CU	450.0	$\pm 12.5$	$\pm 24.0$	27	3.0	4.0	1500	$-20 \sim +80^\circ\text{C}$
LTM450DU	450.0	$\pm 10.0$	$\pm 20.0$	27	2.0	4.0	1500	$-20 \sim +80^\circ\text{C}$
LTM450EU	450.0	$\pm 7.5$	$\pm 15.0$	27	2.0	6.0	1500	$-20 \sim +80^\circ\text{C}$
LTM450FU	450.0	$\pm 6.0$	$\pm 12.5$	27	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
LTM450GU	450.0	$\pm 4.5$	$\pm 10.0$	25	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
LTM450HU	450.0	$\pm 3.0$	$\pm 9.0$	25	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
LTM450IU	450.0	$\pm 2.0$	$\pm 7.5$	25	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
LTM450HTU	450.0	$\pm 3.0$	$\pm 9$	35	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
LTM450ITU	450.0	$\pm 2.0$	$\pm 7.5$	35	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
LTM455BU	455.0	$\pm 15.0$	$\pm 30.0$	27	3.0	4.0	1500	$-20 \sim +80^\circ\text{C}$
LTM455CU	455.0	$\pm 12.5$	$\pm 24.0$	27	3.0	4.0	1500	$-20 \sim +80^\circ\text{C}$
LTM455DU	455.0	$\pm 10.0$	$\pm 20.0$	27	2.0	4.0	1500	$-20 \sim +80^\circ\text{C}$
LTM455EU	455.0	$\pm 7.5$	$\pm 15.0$	27	2.0	6.0	1500	$-20 \sim +80^\circ\text{C}$
LTM455FU	455.0	$\pm 6.0$	$\pm 12.5$	27	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
LTM455GU	455.0	$\pm 4.5$	$\pm 10.0$	25	2.0	6.0	2000	$-20 \sim +80^\circ\text{C}$
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### ★ DIMENSIONS (Unit: mm) 外形尺寸



### ★ TEST CIRCUIT 测试线路

