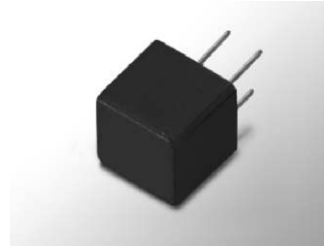


Filter THT

LTM 450/455 U series



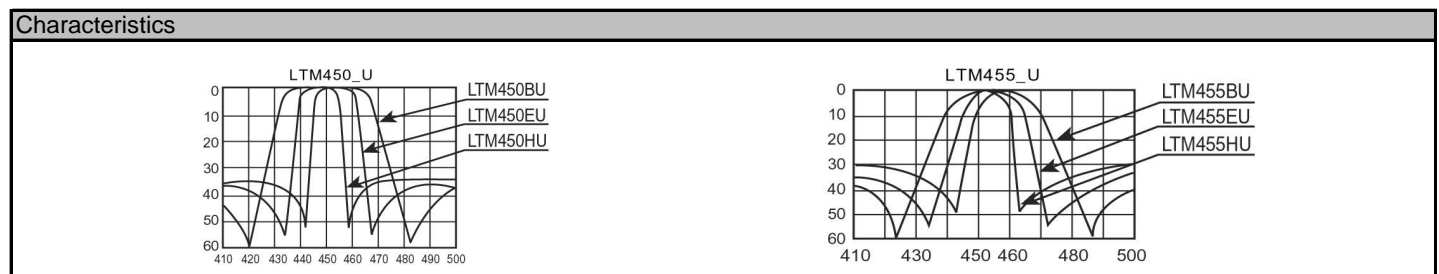
Features:

- For communication
- 4 elements
- 450/455 KHz

Specifications										
<i>LTM 450</i>										
Part number	AU	BU	CU	DU	EU	FU	GU	HU	IU	HTU
Center frequency (KHz)	450±2.0	450±2.0	450±2.0	450±1.5	450±1.5	450±1.5	450±1.5	450±1.0	450±1.0	450±1.0
Insertion loss (dB) max	4	4	4	4	6	6	6	6	6	6
Pass band ripple (dB) max	2	2	2	2	2	2	2	2	2	2
6dB bandwidth (KHz) min	±17.5	±15	±12.5	±10	±7.5	±6	±4.5	±3	±2	±3
40dB bandwidth (KHz) max	±35	±30	±24	±20	±15	±12.5	±10	±9	±7.5	±9
Stop band att. ±100KHz (dB) min	28	28	28	28	28	28	28	28	28	35
Input/output impedance (Ohm)	1000	1500	1500	1500	1500	2000	2000	2000	2000	2000

Specifications										
<i>LTM 455</i>										
Part number	AU	BU	CU	DU	EU	FU	GU	HU	IU	HTU
Center frequency (KHz)	455±2.0	455±2.0	455±2.0	455±1.5	455±1.5	455±1.5	455±1.5	455±1.0	455±1.0	455±1.0
Insertion loss (dB) max	4	4	4	4	6	6	6	6	6	6
Pass band ripple (dB) max	2	2	2	2	2	2	2	2	2	2
6dB bandwidth (KHz) min	±17.5	±15	±12.5	±10	±7.5	±6	±4.5	±3	±2	±3
40dB bandwidth (KHz) max	±35	±30	±24	±20	±15	±12.5	±10	±9	±7.5	±9
Stop band att. ±100KHz (dB) min	28	28	28	28	28	28	28	28	28	35
Input/output impedance (Ohm)	1000	1500	1500	1500	1500	2000	2000	2000	2000	2000

Drawing	Test circuit
<p>LTM 450/455 U</p> <p>Dimensions in mm</p> <p>1 Input 2 Output 3,4 Ground</p>	<p>$R_g + R_1 = R_2 = \text{Input/Output Impedance}$</p>



Order key				
F	- LTM 450	- AU	-	-
Part	Package	Individual specification	Opion	
F= Ceramic filter	LTM 450	AU	FU	blanc = standard
	LTM 455	BU	GU	
		CU	HU	
		DU	IU	
		EU	HTU	X=Special options

Remarks: All specifications subject to change without notice!