

Filter THT

LTM 450/455 U series



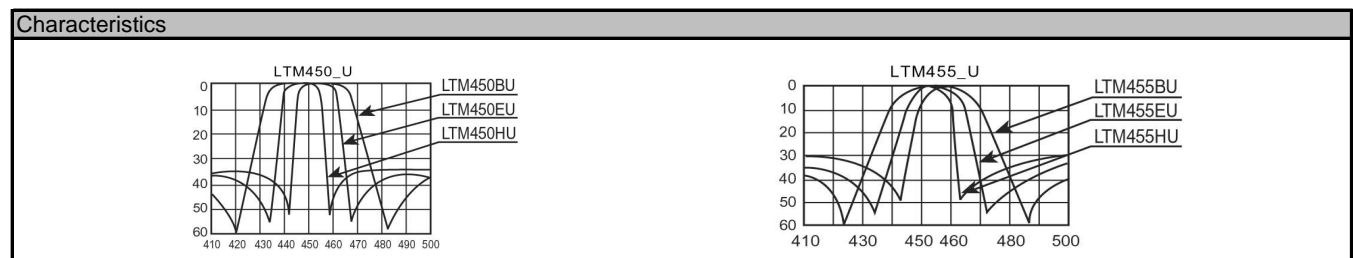
Features:

- For communication
- 4 elements
- 450/455 KHz

Specifications										
LTM 450										
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										
LTM 455										
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 3,4 Ground 2 Output</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 LTM 455	AU BU CU DU EU	FU GU HU IU HTU	blanc = standard X=Special options

Remarks: All specifications subject to change without notice!