

# LT 450/455 U series



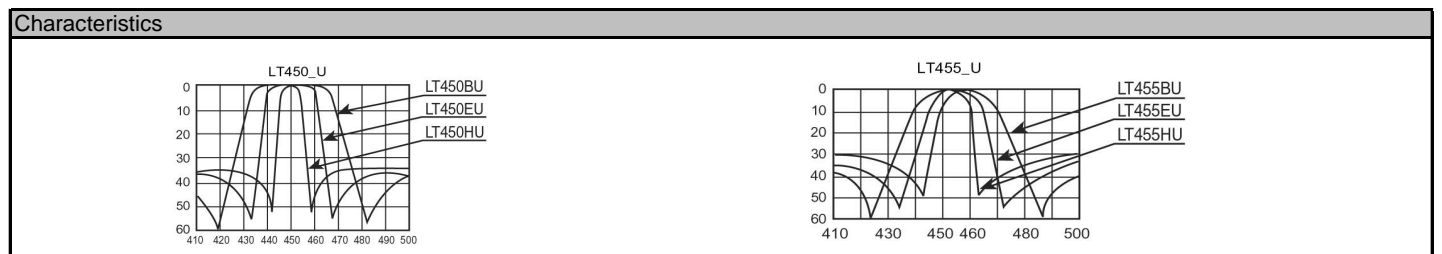
Features:

- For communication
- 4 elements
- 450/455 KHz

Specifications										
Part number	LT450AU	LT450BU	LT450CU	LT450DU	LT450EU	LT450FU	LT450GU	LT450HU	LT450IU	LT450HTU
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										
Part number	LT455AU	LT455BU	LT455CU	LT455DU	LT455EU	LT455FU	LT455GU	LT455HU	LT455IU	LT455HTU
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><b>LT 450/455 U</b></p> <p>Dimensions in mm</p> <p>1. Input 2. Ground 3. Output</p>	<p><math>R_g + R_1 = R_2 = \text{Input/Output Impedance}</math></p>



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

Remarks: All specifications subject to change without notice!