

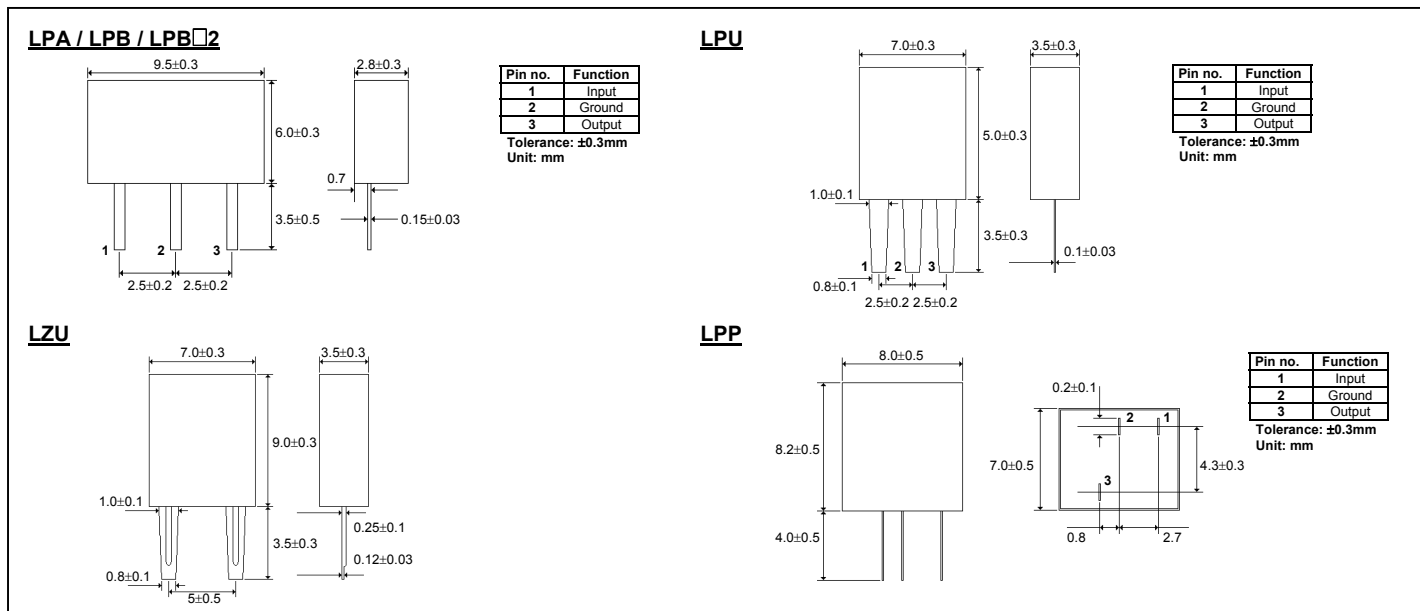


Ceramic Filter (AM Applications)

RoHS Compliant
Directive 2002/95/EC

REACH Compliant
(15 SVHCs)
Regulation (EC)
No. 1907/2006

• Dimension



• Electrical Specifications of LPA / LPB / LPB² / LPP

Part Number	Center Frequency (f ₀) ¹	Bandwidth		Selectivity (dB Min.)	Insertion Loss (dB Max.)	Input/output Impedance
		3dB	6dB			
LPA450J	f ₀ ±3.0KHz	-	5.5KHz Min.	8.0	6.0	-
LPA450A	f ₀ ±1.1KHz	-	13KHz±3.0KHz	6.0	6.0	-
LPA450B	f ₀ ±2.1KHz	-	13KHz±3.0KHz	6.0	6.0	-
LPB450J	f ₀ ±2.0KHz	5.5KHz±1.5KHz	-	17.0 (±9KHz off)	6.0	-
LPB450H	f ₀ ±2.0KHz	4.5KHz±0.5KHz	-	19.0 (±9KHz off)	7.0	-
LPB450A2	f ₀ ±1.0KHz	-	4.0KHz Min.	18.0	7.0	1.0 / 1.5KΩ
LPB450B2	f ₀ ±1.0KHz	-	6.0KHz Min.	16.0	6.0	1.5 / 2.0KΩ
LPB450C2	f ₀ ±1.0KHz	-	8.0KHz Min.	12.0	6.0	2.0 / 2.0KΩ
LPP450D	f ₀ ±1.0KHz	-	f ₀ ±10.0KHz Min.	40(50) ±20.0KHz off	4.0	1.5KΩ
LPP450F	f ₀ ±1.0KHz	-	f ₀ ±6.0KHz Min.	40(50) ±12.5KHz off	6.0	1.5KΩ
LPP450G	f ₀ ±1.0KHz	-	f ₀ ±4.5KHz Min.	30(40) ±9.0KHz off	6.0	2.0KΩ
LPP450H	f ₀ ±1.0KHz	-	f ₀ ±3.0KHz Min.	40(50) ±20.0KHz off	6.0	2.0KΩ

¹ Available center frequency (f₀): 450KHz or 455KHz (for LPB and LPB² series only) and 450KHz or 459KHz (for LPP series only)

² Temperature coefficient of center frequency is based on the center frequency at 25°C.

³ Center frequency shall be defined as the central value of the band at: 3dB (for LPB series only) / 6dB (for LPA, LPB² and LPP series only).

⁴ ±1KHz-tolerance level is available for synthesizer tuners (for LPB² series only).

⁵ (): typical values

• Electrical Specifications of LPU

Part Number	Center Frequency (f ₀) ¹	3dB Bandwidth	Selectivity		Insertion Loss
			-9KHz off	+9KHz off	
LPU455B (Connected with IFT)	455KHz±2.0KHz	10KHz±3.0KHz	5.0dB Min.	3.0dB Min.	5.0dB Max.

¹ Center frequency shall be defined as the central value of the band at 3dB.

² Temperature coefficient of center frequency is based on the center frequency at 25°C.

• Electrical Specifications of LZU

Part Number	Center Frequency (f ₀)	Resonant Resistance	ΔF(Fa-Fr)	Temperature Coefficient	Application
LZU450C	450KHz±1.0KHz	20Ω Max.	14.0KHz±2.0KHz	≤20ppm/°C	IF Signal Detection
LZU450C4N	450KHz±0.8KHz	30Ω Max.	9.0KHz±2.0KHz		

- Other frequencies and specifications are also available upon request, please consult with our sales representatives.