

## CERAMIC FILTER (LZU450 / LTZ455 / LT465 / LTP455 Series)

### ► LZU450 Series

PART NUMBER	RESONANT FREQUENCY (KHz)	RESONANT RESISTANCE ( $\Omega$ ) MAX.	$\Delta F$ (Fa-Fr) (KHz)	APPLICATION
LZU450C	450 $\pm$ 1.0	20	14 $\pm$ 2	IF Signal Detection
LZU450C4N	450 $\pm$ 0.8	630	9 $\pm$ 2	

### ► LTZ455 Series

PART NUMBER	CENTER FREQUENCY (KHz)	3dB BANDWIDTH (KHz)	SELECTIVITY $\pm$ 9KHz off (dB) MIN.	INSERTION LOSS (dB) MAX.	COMPOSITION
LTZ455HL	455.5 $\pm$ 2.0	4.0 $\pm$ 1	23	7	2 elements direct coupling type
LTZ455JL	456.0 $\pm$ 2.0	5.5 $\pm$ 1	18	7	

### ► LT465A

PART NUMBER	CENTER FREQUENCY (KHz)	INSERTION LOSS (dB) MAX.	6dB BANDWIDTH (KHz) MIN.	SPURIOUS ATTENUATION fo $\pm$ 100KHz (dB) MIN.	SELECTIVITY $\pm$ 9KHz off (dB) MIN.	RIPPLE (dB) MAX.	INPUT/ OUTPUT IMPEDANCE (K $\Omega$ )
LT465A	465 $\pm$ 2.0	3	8	12	11	1	2

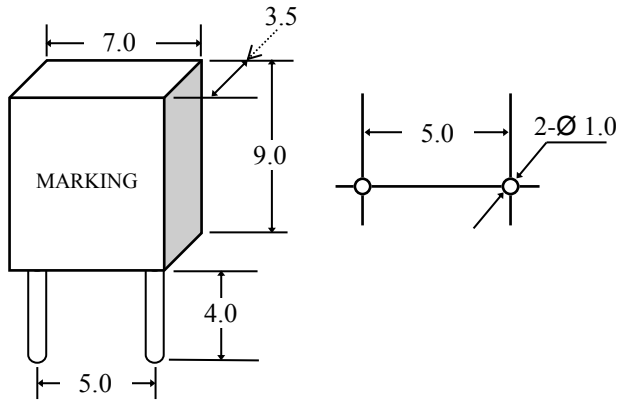
### ► LTP455 Series

PART NUMBER	CENTER FREQUENCY (KHz)	3dB BANDWIDTH (KHz)	SELECTIVITY (dB) MIN. - 9KHz off / + 9KHz OFF	INSERTION LOSS (dB) MAX	COMPOSITION
LTP455A	455 $\pm$ 2.0	9.5 $\pm$ 3	5 / 3	5	1 elements
LTP455B	462 $\pm$ 2.0	9.5 $\pm$ 3	5 / 3	5	1 elements with IFT

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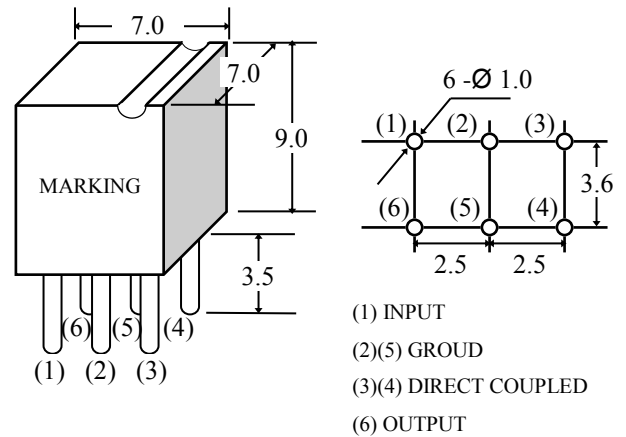
■ PACKAGE DIMENSIONS

**LZU450 Series**



Unit: mm

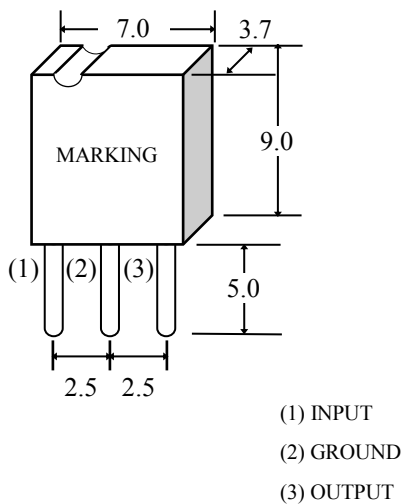
**LTZ455 Series**



- (1) INPUT
- (2)(5) GROUND
- (3)(4) DIRECT COUPLED
- (6) OUTPUT

Unit: mm

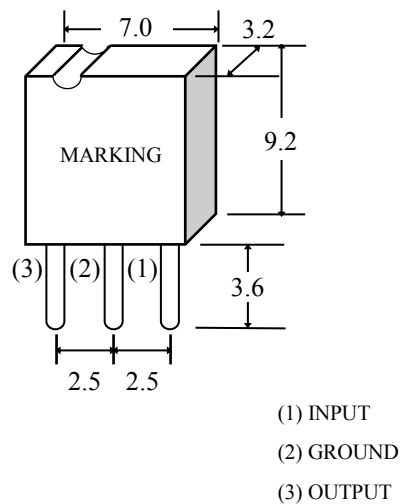
**LT465A**



- (1) INPUT
- (2) GROUND
- (3) OUTPUT

Unit:mm

**LTP455 Series**



- (1) INPUT
- (2) GROUND
- (3) OUTPUT

Unit:mm

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