

# Miniature for AM Ceramic Filter

**One of The Most Recommendable Intermediate Filters  
for AM (Murata PFB Compatible)**

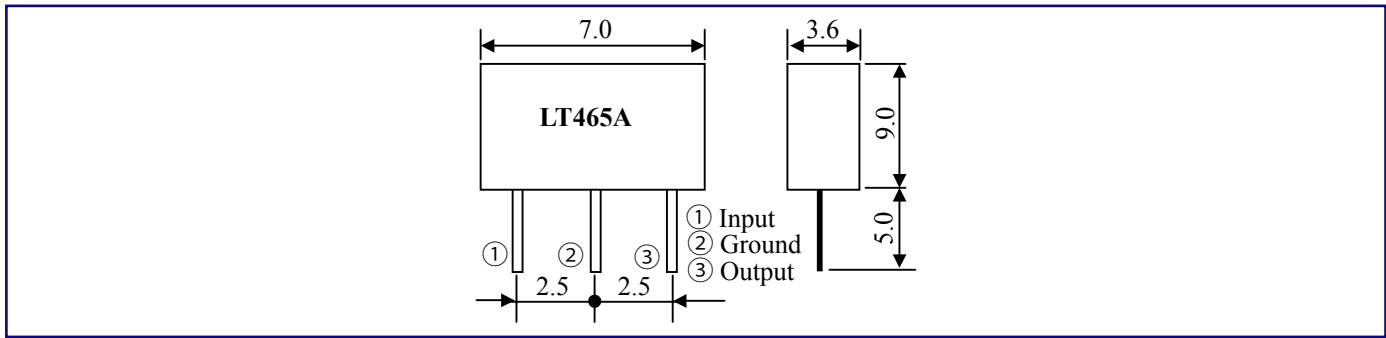
▶ **Preview**

Token miniature ceramic filters for AM is one of the most recommendable intermediate filters, having such distinctive features as high selectivity, high stability and adjustment-free operation.

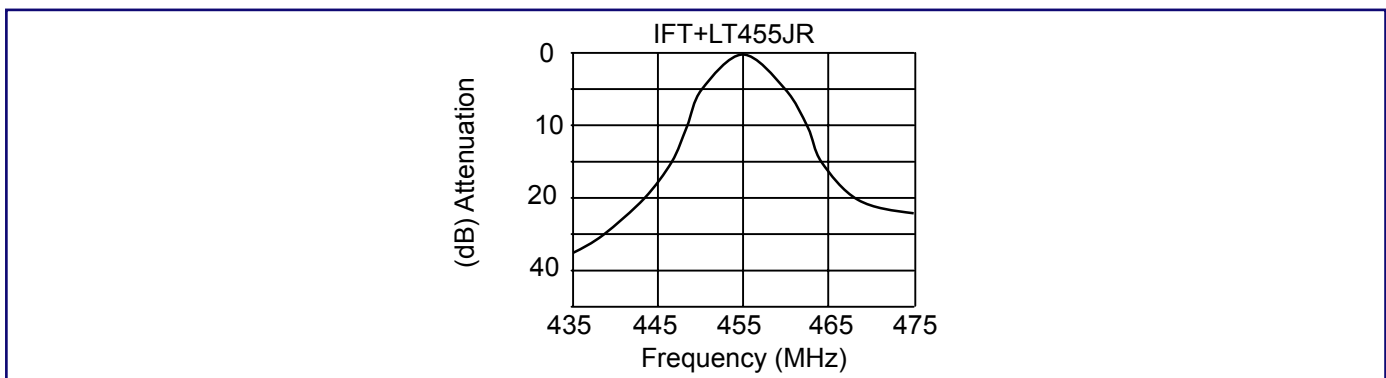
Additionally its easy matching with IC helps create an easy circuit design such as applications in Electric synthesized tuners, HiFi audio systems, AM stereo demodulations, One-chip non-adjustment IC's, and even smaller, thinner set structure to cope with these diversifying for AM receiver.

Features with center frequency between 450 and 470 kHz, standard tolerance  $\pm 2$  kHz, and synthesizers for the types of center frequencies 450, 459 and 468 kHz. Standard tolerance is  $\pm 1$  kHz.

## ▶ Dimensions



## ▶ Technical Characteristics



Part Number	3dB Band Width (kHz)	Selectivity $\pm 9$ kHz off (dB)	Insertion Loss (dB)	Composition
LT 455JR	$5.5 \pm 1.5$	$\geq 17$	$\leq 6$	2 elements

Note: Center Frequency ( $f_0$ ) is available in a range of 450 ~ 470kHz.  
The nominal frequency tolerance is  $\pm 2$ kHz.

## ▶ Recommended IFT (7mm Square)

Item	7×7mm			5×5mm		
	①~②	②~③	④~⑥	①~②	②~③	④~⑥
Winding Specification  Form bottom	85T	67T	23T	84T	98T	33T
unloaded $Q_u$	90			65		
Tuning Capacity	180PF			180PF		

## ▶ How to Order

LT 455JR
P

②

① Part Number

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