

FEATURES

- HIGH RELIABILITY FOR LOW COST
- LOW INSERTION LOSS
- SMD PACKAGE WITH SMALL DIMENSIONS AND LOW PROFILE AVAILABLE

PETERMANN

TECHNIK

Time & Frequency Components

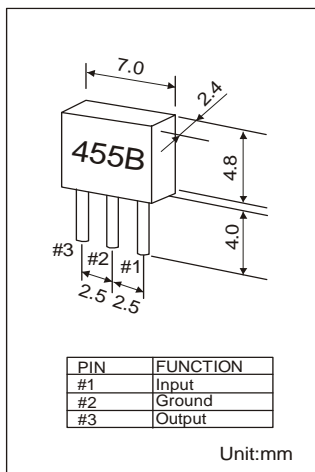
LTB SERIES OF CERAMIC FILTER FOR AM

450.0 ~ 470.0 kHz

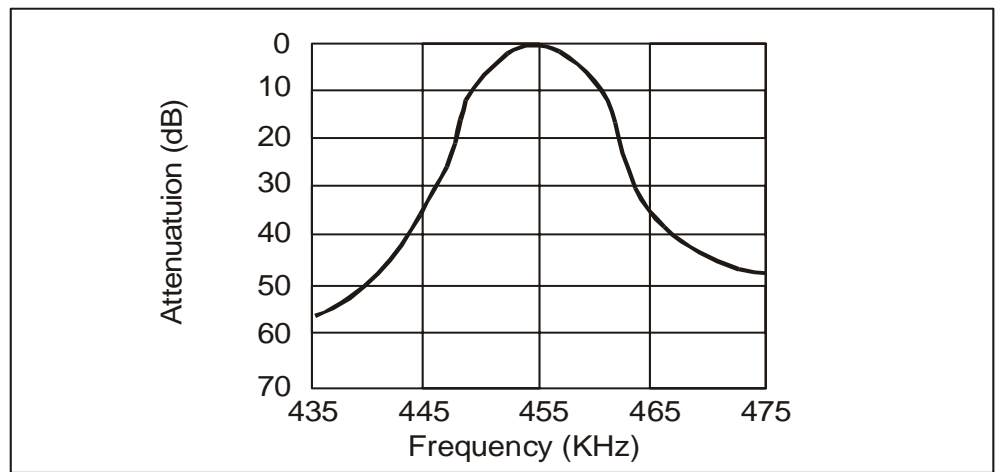
PART NUMBER	3 dB BAND WITH (kHz)	SELECTIVITY		INSERTION LOSS	COMPOSITION
		-9 kHz OFF	+9 kHz OFF		
LTB455BL	5.5 kHz \pm 1.5 kHz	≥ 17 dB	≥ 17 dB	≤ 6 dB	2 ELEMENTS

CENTER FREQUENCY (F0) IS AVAILABLE IN A RANGE OF 450.0 ~ 470.0 kHz

PACKAGE DIMENSION



CHARACTERISTICS



SFU SERIES OF CERAMIC FILTER FOR AM

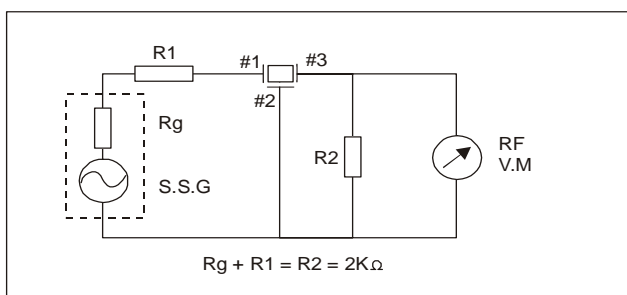
450.0 ~ 470.0 kHz

PART NUMBER	3 dB BAND WITH (kHz)	SELECTIVITY		INSERTION LOSS	COMPOSITION
		-9 kHz off	+9 kHz off		
SFU455A	10 \pm 3	≥ 5 dB	≥ 3 dB	≥ 5 dB	1 ELEMENT
SFU455B	10 \pm 3	≥ 5 dB	≥ 3 dB	≥ 5 dB	1 ELEMENT WITH IFT

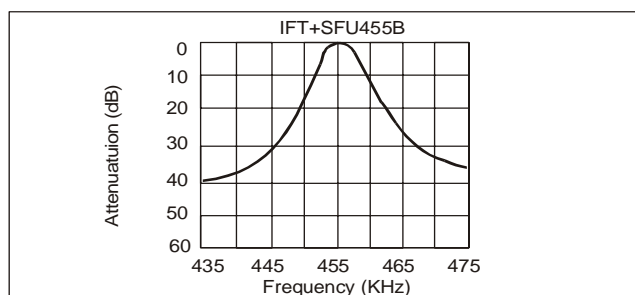
CENTER FREQUENCY (F0) IS AVAILABLE IN A RANGE OF 450.0 ~ 470.0 kHz

THE NOMINAL FREQUENCY TOLERANCE IS \pm 2 kHz

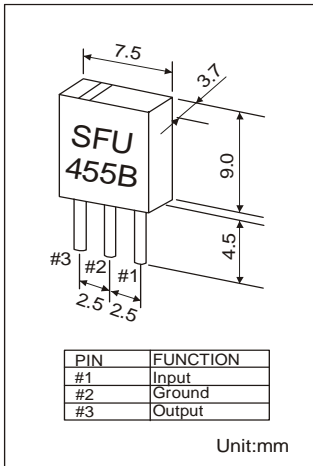
TEST CIRCUIT



CHARACTERISTICS



PACKAGE DIMENSION



LT10.7 SERIES OF CERAMIC FILTER FOR FM

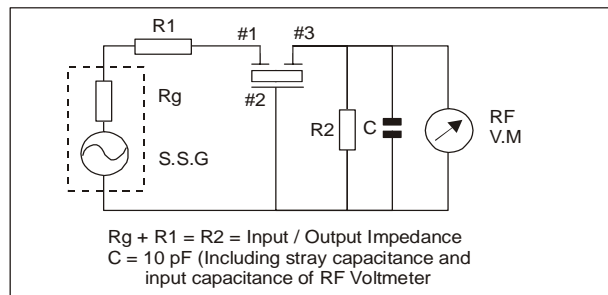
10.7 MHz

PART NUMBER	3 dB BAND WITH	20 dB BAND WITH	INSERTION LOSS	SPURIOUS RESPONSE (9 - 12 MHz)
LT10.7MA5	280 +-50 kHz	650 kHz max.	6 dB max.	30
LT10.7MS2	230 +-50 kHz	600 kHz max.	6 dB max.	40
LT10.7MS3	180 +-40 kHz	520 kHz max.	7 dB max.	40
LT10.7MJ	150 +-50 kHz	400 kHz max.	10 dB max.	38
LT10.7MA19	350 min.	950 kHz max.	3 +-2 dB max.	20
LT10.7MA20	330 +-50 kHz	680 kHz max.	4 +-2 dB max.	30
LT10.7MFP	20 min.	95 kHz max.	6 dB max.	24
LT10.7MHY	110 +-30 kHz	350 kHz max.	7 +-2 dB max.	30
LT10.7MA5A10	280 +-40 kHz	590 kHz max.	2.5 +-2 dB max.	30
LT10.7MS2A10	230 +-40 kHz	520 kHz max.	3 +-2 dB max.	35
LT10.7MS3A10	180 +-40 kHz	470 kHz max.	3.5 +-1.5 dB max.	35
LT10.7MJA10	150 +-40 kHz	360 kHz max.	4.5 +-2 dB max.	35

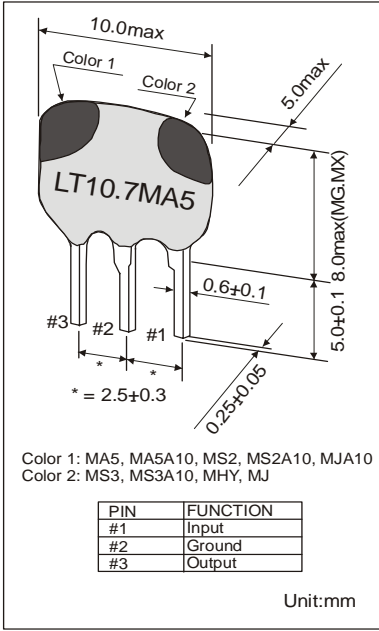
SPECIFICATION

CENTER FREQUENCY	COLOR
D: 10.64 MHz +-30 kHz	BLACK
B: 10.67 MHz +-30 kHz	BLUE
A: 10.70 MHz +-30 kHz	RED
C: 10.73 MHz +-30 kHz	ORANGE
F: 10.76 MHz +-30 kHz	WHITE

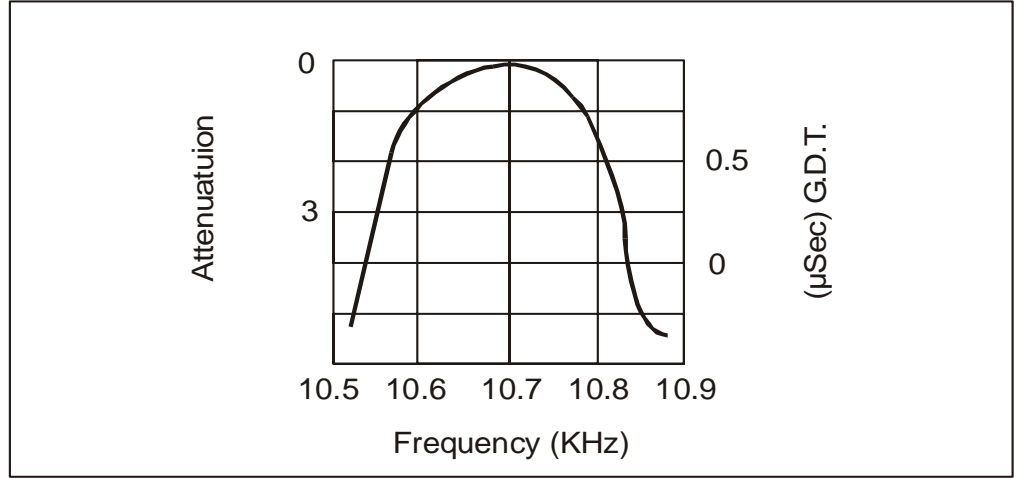
TEST CIRCUIT



PACKAGE DIMENSION



CHARACTERISTICS



CHIPE TYPE LTCA/CV10.7 SERIES OF CERAMIC FILTER FOR FM

PART NUMBER	3 dB BAND WITH	20 dB BAND WITH	INSERTION LOSS	SPURIOUS RESPONSE (9 - 12 MHz)
LTCA10.7MA5	280 +-50 kHz	650 kHz max.	6 dB max.	30
LTCA10.7MS2	230 +-50 kHz	600 kHz max.	6 dB max.	30
LTCV10.7MA5	280 +-50 kHz	590 kHz max.	3 +-2 dB max.	35
LTCV10.7MS2	230 +-50 kHz	510 kHz max.	3.5 +-2 dB max.	35
LTCV10.7MS3	180 +- 40 kHz	470 kHz max.	4.0 +-2 dB max.	35

INPUT/OUTPUT IMPEDANCE: 330 Ω

PACKAGE DIMENSION

