

LT10.7M SERIES OF CERAMIC FILTER
FOR FM RECEIVER

10.7MHz

● 技术特性 TECHNICAL CHARACTERISTICS

型 号 Part Number	3分贝带宽 3dB Band Width (KHz)	20分贝带宽 20dB Band Width (KHz) max	插入损耗 Insertion Loss (dB)(max)	阻带衰减 Spurious Attenuation (9~12MHz)(dB)min
LT10.7MA5	280±50	650	6	30
LT10.7MS2	230±50	600	6	40
LT10.7MS3	180±40	520	7	40
LT10.7MJ	150±40	400	10	38

输入／输出阻抗:330Ω
Input/Output Impedance:330Ω

低损耗型LT10.7M□A10系列陶瓷滤波器

10.7MHz

LT10.7M□A10 SERIES OF CERAMIC
FILTER(LOW-LOSS TYPE)

● 技术特性 TECHNICAL CHARACTERISTICS

型 号 Part Number	3分贝带宽 3dB Band Width (KHz)	20分贝带宽 20dB Band Width (KHz) max	插入损耗 Insertion Loss (dB)	阻带衰减 Spurious Attenuation (9~12MHz)(dB)min
LT10.7MA5A10	280±50	590	2.5±2.0	30
LT10.7MS2A10	230±50	520	3.0±2.0	35
LT10.7MS3A10	180±40	470	3.5±1.5	35
LT10.7MJA10	150±40	360	4.5±2.0	35

输入／输出阻抗:330Ω
Input/Output Impedance:330Ω

宽窄带型LT10.7M系列陶瓷滤波器

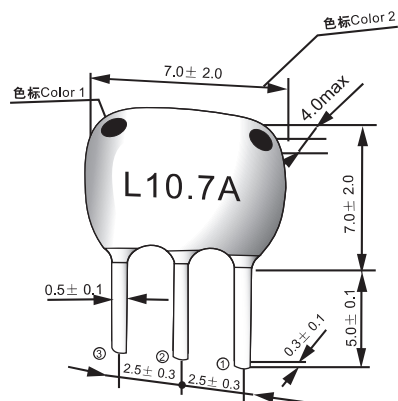
10.7MHz

WIDE/NARROW BAND-WIDTH TYPE LT10.7M
SERIES OF CERAMIC FILTER

● 技术特性 TECHNICAL CHARACTERISTICS

型 号 Part Number	3分贝带宽 3dB Band Width (KHz)	20分贝带宽 20dB Band Width (KHz) max	插入损耗 Insertion Loss (dB)	阻带衰减 Spurious Attenuation (9~12MHz)(dB) min
LT10.7MA19	350min	950	3±2	20
LT10.7MA20	330±50	680	4±2	30
LT10.7MHY	110±30	350	7±2	30
LT10.7MFP	20min	95	6.0max	24

*输入／输出阻抗:470Ω (MA19),330Ω (MA20,MHY),600Ω (MFP)
Input/Output Impedance:470Ω (MA19),330Ω (MA20,MHY),600Ω (MFP)
*LT10.7MFP阻带衰减范围: 10.7±1MHz
Spurious Attenuation range of LT10.7MFP:10.7±1MHz



① 输入 Input

② 接地 Ground

③ 输出 Output

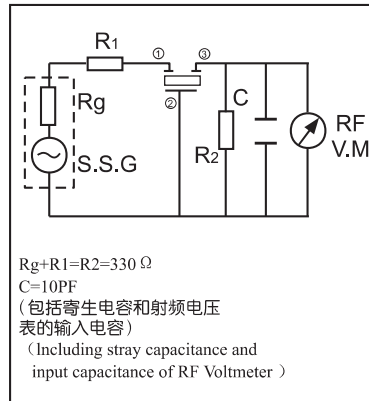
色标 1: MA5、MS2、MJA10用

色标 2: MS3、MJ、MHY用

● 规格 STANDARD RULE

中心频率 Center Frequency	色标 Color
D: 10.64MHz ± 30kHz	黑 Black
B: 10.67MHz ± 30kHz	蓝 Blue
A: 10.70MHz ± 30kHz	红 Red
C: 10.73MHz ± 30kHz	橙 Orange
E: 10.76MHz ± 30kHz	白 White

● 测试电路 TEST CIRCUIT



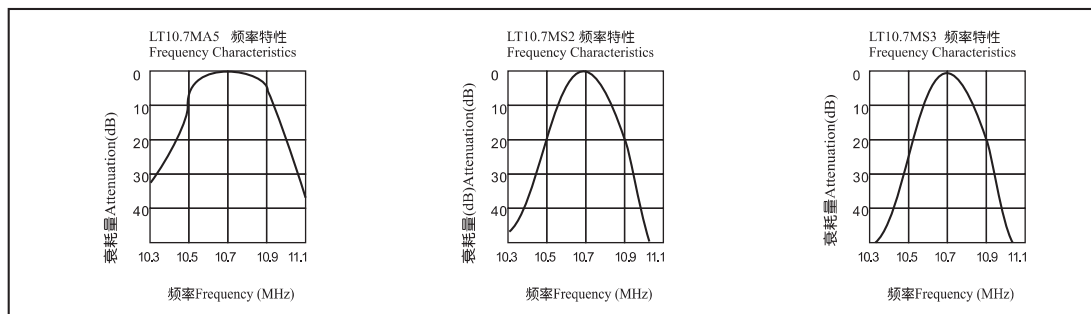
$$R_g + R_1 = R_2 = 330 \Omega$$

$$C = 10 \text{ PF}$$

(包括寄生电容和射频电压表的输入电容)

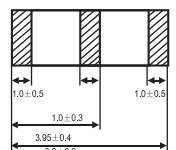
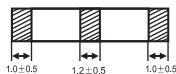
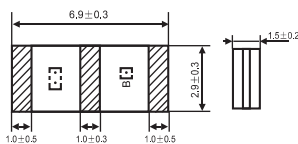
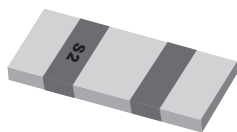
(Including stray capacitance and input capacitance of RF Voltmeter)

● 特性曲线 CHARACTERISTICS



片式LTCA/CV10.7M系列陶瓷滤波器

CHIP TYPE LTCA/CV10.7M SERIES OF CERAMIC FILTER



● 技术特性 TECHNICAL CHARACTERISTICS

型 号 Part Number	3分贝带宽 3dB Band Width (KHz)	20分贝带宽 20dB Band Width (KHz)max	插入损耗 Insertion Loss (dB) max	阻带衰耗 Spurious Attenuation (9~12MHz)(dB)min
LTCA10.7MA5	280 ± 50	650	6.0	30
LTCA10.7MS2	230 ± 50	600	6.0	30
LTCV10.7MA5	280 ± 50	590	3.0 ± 2.0	35
LTCV10.7MS2	230 ± 50	510	3.5 ± 2.0	35
LTCV10.7MS3	180 ± 40	470	4.0 ± 2.0	35

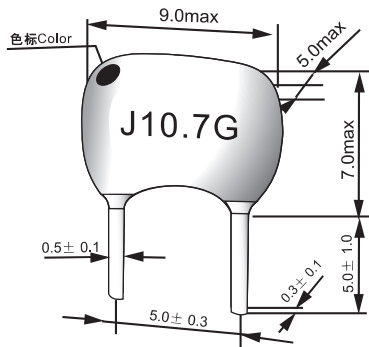
*输入 / 输出阻抗: 330 Ω

Input/Output Impedance: 330 Ω

JT10.7M SERIES OF CERAMIC DISCRIMINATOR FOR FM
10.7MHz

● 技术特性 TECHNICAL CHARACTERISTICS

型 号 Part Number	f _o 点鉴频输出 Demodulation Output at f _o (mv) min	f _o 点失真度 Distortion Factor at f _o (%)max	3dB带宽 Demodulation 3dB Bandwidth(kHz)(min)	适用 IC Applicable IC
JT10.7MG1	25	1.0	345	CX-2009,CX-20111
JT10.7MG3	650	1.0	±150	TA7303P,TA7130, μPC1028H,LA1150
JT10.7MG16	60~90	0.9	300	TA8122AN
JT10.7MG18	60~90	0.9	300	TA8132AN
JT10.7MG33	45	0.7	250	TA2007
JT10.7MG80	65	1.0	300	TA2104AFN
JT10.7MG82	90	0.8	320	TA2099AN
JT10.7MG92	60	1.0	300	TA2132P
JT10.7MC1	35	1.0	242	CXA1019M,CX-20091



● 规格 STANDARD RULE

中心频率 Center Frequency	D 10.64MHz ±30kHz	B 10.67MHz ±30kHz	A 10.70MHz ±30kHz	C 10.73MHz ±30kHz	E 10.76MHz ±30kHz
色标 Color	黑 Black	蓝 Blue	红 Red	橙 Orange	白 White

● 测试电路TEST CIRCUIT

