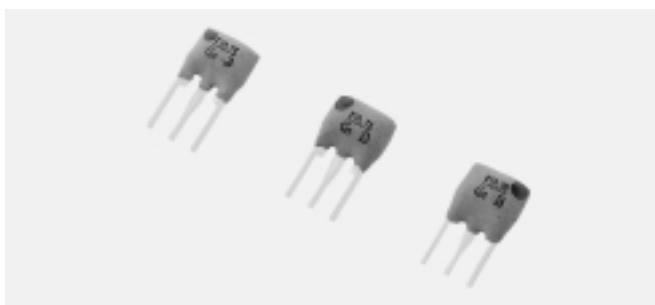


PIEZO FILTERS

CERAMIC FILTERS LOW LOSS, HIGHLY SELECTIVE, MINIATURE



SFE MA/MS/MJ/MH 10.7MHz



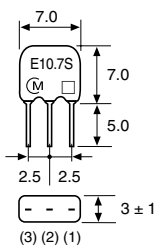
The standard SFE 10.7 line of ceramic filters are extremely reliable devices that exhibit excellent waveform symmetry. These filters have traditionally found wide application in FM receiver technology.

SPECIFICATIONS

SFE MA/MS/MJ/MH 10.7MHz

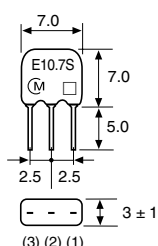
	Part Number	3dB Bandwidth (kHz)	20dB Bandwidth (kHz) max.	Ripple (dB) max.	Insertion Loss (dB) max.	Spurious (9 ~ 12MHz) (dB) min.
FM-IF	SFE10.7MA5-A	280 ± 50	650 (520)	1	6 (4)	30 (43)
	SFE10.7MS2-A	230 ± 50	600 (420)	1	6 (4)	40 (45)
	SFE10.7MS3-A	180 ± 40	520 (380)	1	7 (4.5)	40 (45)
• Input/output impedance: 330Ω						() Typ. value
A10 Series	SFE10.7MA5A10-A	280 ± 50	590 (480)	1	2.5 ± 2.0	30 (42)
	SFE10.7MS2A10-A	230 ± 50	520 (400)	1	3.0 ± 2.0	35 (43)
	SFE10.7MS3A10-A	180 ± 40	470 (360)	1	3.5 ± 1.5	35 (43)
	SFE10.7MJA10-A	150 ± 30	360 (290)	1	4.5 ± 2.0	35 (44)
• Input/output impedance: 330Ω • Low loss and high selectivity.						() Typ. value
B10 Series	SFE10.7MA5B10-A	280 ± 50	650	1	3.0 ± 2.0	45
	SFE10.7MS2B10-A	230 ± 50	570	1	3.0 ± 2.0	45
	SFE10.7MS3B10-A	180 ± 40	520	1	5.0 ± 2.0	45
• Input/output impedance: 330Ω • High attenuation type						() Typ. value
C10 Series	SFE10.7MA5C10-A	280 ± 50	650 (540)	1	3.0 ± 2.0	30 (47)
	SFE10.7MS2C10-A	230 ± 50	570 (470)	1	3.0 ± 2.0	40 (48)
	SFE10.7MS3C10-A	180 ± 40	470 (360)	1	3.5 ± 2.0	35 (45)
	SFE10.7MJC10-A	150 ± 40	360 (300)	1	4.5 ± 2.0	35 (48)
	SFE10.7MHC10-A	110 ± 30	350 (260)	1	7.0 ± 2.0	30 (42)
• Input/output impedance: 330Ω • Most suitable for a thin type and low profile set. • The performance is the same as that of conventional types.						() Typ. value

MA5 Series



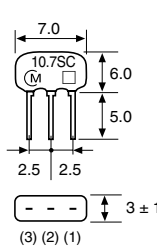
UNIT: mm

MA5A10 Series



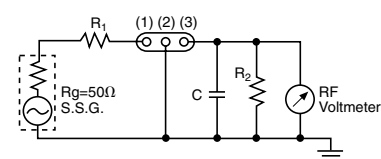
UNIT: mm

MA5C10 Series



UNIT: mm

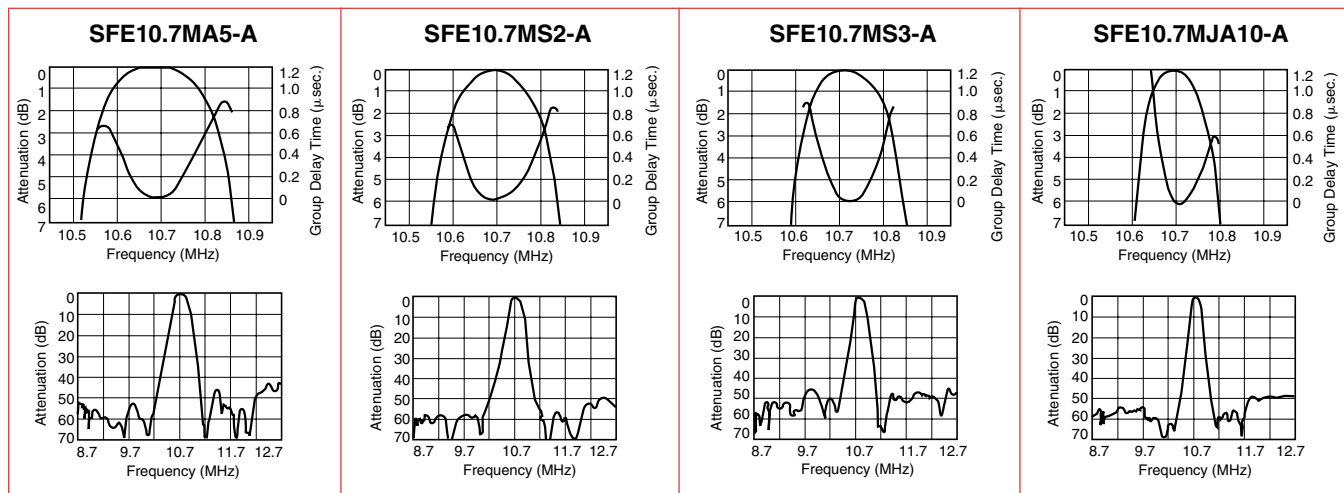
CIRCUIT



$R_g + R_1 + R_2 = 330\Omega \pm 5\%$
 $C = 10\text{pF}$
 (including stray capacitance and input capacitance of RF Voltmeter)

1=INPUT
 2=GROUND
 3=OUTPUT

FREQUENCY CHARACTERISTICS



* Available as standard through authorized Murata Electronics Distributors.

PIEZO FILTERS