

PIEZO FILTERS SAW FILTERS FOR AUDIO VISUAL EQUIPMENT MULTI TV/VCR SIF



SAF Series

This series of saw filters is designed for TV/VCR applications. These filters are capable of passing 1) SIF and PIF, 2) SIF or 3) PIF. Saw filters are made up of zinc oxide on a glass substrate. Murata provides saw filters for a variety of television standards worldwide.

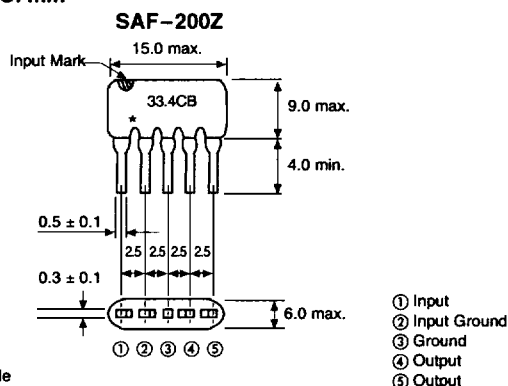


SPECIFICATIONS

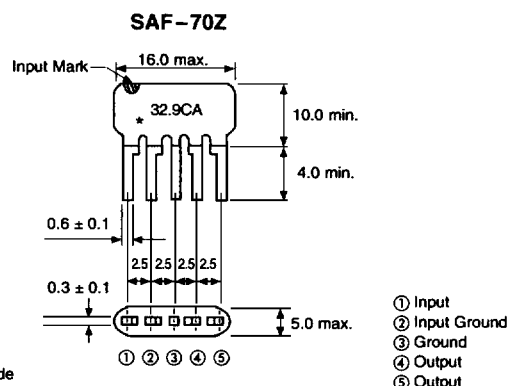
SAF

Part Number	Insertion Loss (dB) max.	Picture Carrier (dB) max.	Chroma Carrier (dB) min.	Attenuation (dB) max. at fs-0.3MHz	Sound 1 (fs1) Carrier (dB) max.	Sound 2 (fs2) Carrier (dB) max.	Attenuation (dB) max. at fs+0.3MHz	Adjacent Sound Carrier (dB) min.	Adjacent Picture Carrier (dB) min.	Spurious Response (dB) min.	Spurious Response (dB) min.	Temperature Coefficient (ppm/°C)
SAF32.0MCA70Z	26(23)	35(55)	25(35)	6	3	3	6	40(55)	35(50)	30 (0-30MHz)	22 (33.57-42MHz)	-10 ± 20
SAF32.9MCA70Z	25(22)	35(53)	25(34)	6	3	3	6	40(55)	35(43)	30 (0-30.9MHz)	22 (34.47-42MHz)	-10 ± 20
SAF33.4MCB200Z	29(26)	30(47)	14(30)	6	3	3	6	30(46)	35(50)	25 (0-30.9MHz)	25 (40.4-46.0MHz)	-10 ± 20
SAF33.4MCD70Z	29(26)	30(49)	20(37)	2 [32.348 MHz]	2	2.5	8	30(50)	28(42)	25 (0-30.9MHz)	30 (40.4-46.0MHz)	-10 ± 20

DIMENSIONS: mm



* : EIA-J Date Code



* : EIA-J Date Code

- Since the insertion loss of surface acoustic wave filters varies with the matching state, the values of insertion loss in the table are not always in conformity with insertion loss of the actual circuit.
- fp- picture carrier, fc- chroma carrier, fs- sound carrier, fas- adjacent sound carrier, fap- adjacent picture carrier.

() : Typ. values

FREQUENCY CHARACTERISTICS

