

PIEZO FILTERS SAW FILTERS FOR AUDIO VISUAL EQUIPMENT



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.

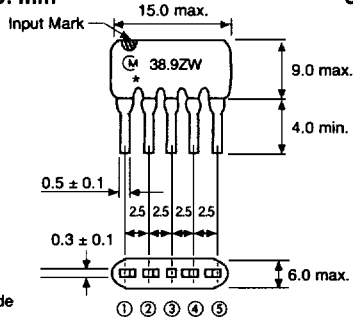
SPECIFICATIONS

SAF

Part Number	Insertion Loss (dB) max.	Picture Carrier (dB)	Chroma Carrier (dB)	Sound Carrier (dB)	Adjacent Sound Carrier (dB) min.	Attenuation at fap +1.0MHz (dB) min.	Attenuation at fap - 0.5MHz (dB) min.	Adjacent Picture Carrier (dB) min.	Attenuation at fap - 0.5 MHz (dB) min.	Spurious Response (dB) min.	Temperature Coefficient (ppm/°C)
SAF38.9MZ215Z	24.0(19)	5.0 ± 1.2	5.8 ± 1.5	19.0 ± 2	44(56)	42(52)	-	45(50)	-	36	- 10 ± 20
SAF38.9MZR80Z	24.0(22)	4.5 ± 1.2	4.5 ± 1.5	22.0 ± 3	40(48)	38(48)	35(45)	40(48)	37(50)	30	- 10 ± 20
SAF38.9MZW210Z	22.5(20)	4.5 ± 1.2	3.1 ± 1.0	17.5 ± 3	43(54)	38(52)	38(42)	36(42)	38(42)	33	- 10 ± 20

DIMENSIONS: mm

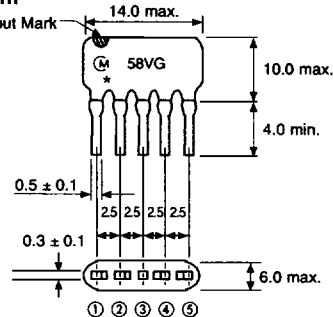
SAF-210Z/215Z



* : EIA-J Date Code

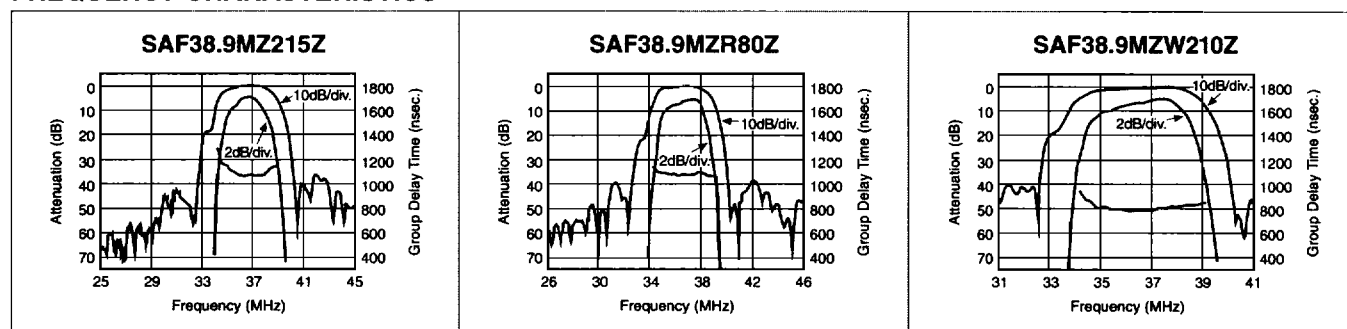
DIMENSIONS: mm

SAF-80Z



* : EIA-J Date Code

FREQUENCY CHARACTERISTICS



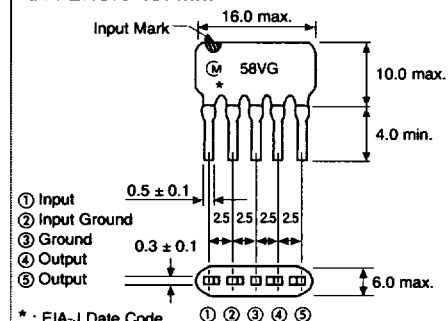
SPECIFICATIONS

SAF

Part Number	Insertion Loss (dB) max.	Picture Carrier (dB)	Chroma Carrier (dB)	Sound Carrier (dB)	Attenuation at fap - 4.0MHz (dB) max.	Adjacent Sound Carrier (dB) min.	Adjacent Picture Carrier (dB) min.	Spurious Response (dB) min.	Temperature Coefficient (ppm/°C)
SAF58MVG80Z	23(20)	4.8 ± 1.2	1.0	20	5.0(2.0)	40(53)	40(58)	30	- 28 ± 20
SAF45MVE80Z	23(20)	5.0 ± 1.2	1.2	20	5.5(2.7)	40(48)	40(53)	28	- 28 ± 20

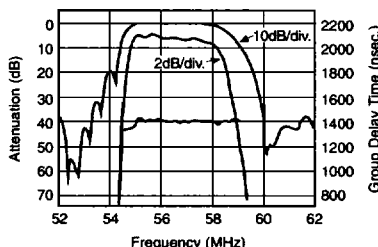
DIMENSIONS: mm

FREQUENCY CHARACTERISTICS



* : EIA-J Date Code

SAF58MVG80Z



SAF45MVE80Z

