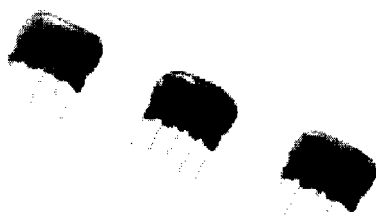


PIEZO FILTERS SAW FILTERS FOR AUDIO VISUAL EQUIPMENT COLOR TV/VCR SIF

Murata
Innovator in Electronics

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.

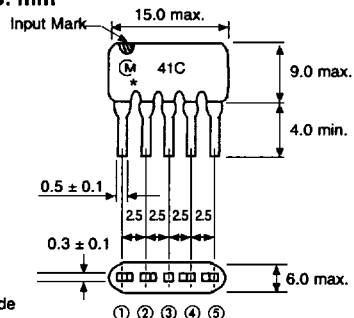


SPECIFICATIONS

SAF MHz

Part Number	Insertion Loss (dB) max.	Picture Carrier (dB) max.	Chroma Carrier (dB) min.	Attenuation (dB) max. at fs-0.3MHz	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)
SAF54MC200Z	16(13)	40 min.	17	3	3	40	37	28 (0-52.75MHz)	30 (56.75-70MHz)	-28 ± 20
SAF41MC200Z	17(14)	40 min.	17	3	3	40	37	28 (0-39.75MHz)	30 (43.75-56MHz)	-28 ± 20
SAF39.2MC70Z	19(14)	40 min.	35	6	6	40	30	30 (28-31.2MHz)	30 (40.7-45MHz)	-10 ± 20
SAF33.4MC200Z	20(18)	40 min.	20	4	4	40	35	30 (0-31.9MHz)	30 (40.4-47MHz)	-10 ± 20
SAF54MD200Z	20(17)	within ±3	20	fs-0.2MHz 3	fs-0.2MHz 3	35	30	30 (0-70MHz)	15 ¹ (55.5-57.5MHz)	-28 ± 20
SAF41MD200Z	17(14)	within ±3	20	fs-0.2MHz 3	fs-0.2MHz 3	35	35	30 (0-55MHz)	15 ¹ (42.5-44.5MHz)	-28 ± 20
SAF33.4MD200Z	20.5(16)	within ±3	20	fs-0.2MHz 3	fs-0.2MHz 3	35	35	30 (0-50MHz)	15 ¹ (34.67-37.7MHz)	-10 ± 20
SAF33.0MDA70Z	26(23)	5.0 ± 3.0	12	fs-0.2MHz 3	fs-0.2MHz 3	26	20	15 (0-39.5MHz)	8 ¹ (34.67-37.7MHz)	-10 ± 20
SAF32.9MDE70Z	25(23)	4.3 ± 3.0	15	fs-0.2MHz 3	fs-0.2MHz 3	35	25	22 (0-31.5MHz)	10 ¹ (35.27-38MHz)	-10 ± 20
SAF31.4MD70Z	28(26)	within ±3	15	fs-0.2MHz 3	fs-0.2MHz 3	35	35	30 ¹ (0-45MHz)	15 ¹ (32.645-35.675MHz)	-10 ± 20

DIMENSIONS: mm

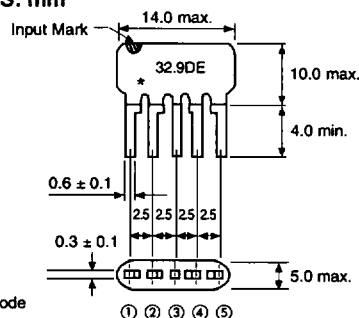


SAF-200Z

- ① Input
- ② Input Ground
- ③ Ground
- ④ Output
- ⑤ Output

*: EIA-J Date Code

DIMENSIONS: mm



SAF-70Z

- ① Input
- ② Input Ground
- ③ Ground
- ④ Output
- ⑤ Output

*: EIA-J Date Code

• SAF54MC200Z, SAF41MC200Z and SAF33.4MC200Z are for Split Carrier System.
• SAF54MD200Z, SAF41MD200Z, SAF33.4MD200Z and SAF31.4MD70Z are for Quasi-Parallel System.

• SAF33.0MDA70Z is for Multi-Sound TV in Northern Europe. (): Typ. values
• SAF32.9MDE70Z is for Multi-Sound TV in U.K.
• 0dB level should be at fs.

¹Minimum attenuation between picture carrier and sound carrier

FREQUENCY CHARACTERISTICS

