

PIEZO FILTERS CERAMIC TRAPS HIGH ATTENUATION

TPS MJ/MB 4.5–6.5MHz



The TPS MJ/MB lines of ceramic traps are band reject filters used for video and sound IF attenuation. The 2 terminal TPS MJ Series can be used to attenuate either the sound signal in B/W receivers or the chroma signal in video. The 3 terminal TPS MB Series contains 2 trap elements on one substrate for additional attenuation. This line of traps can be used in the sound IF of CATV/VCR receivers.

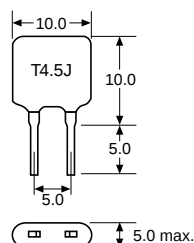
SPECIFICATIONS

TPS MJ 4.5–6.5MHz

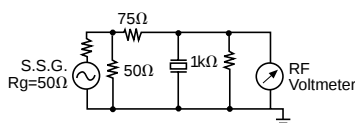
Part Number	Nominal Center Frequency (fn)	Attenuation at fn (dB) min.	20dB Attenuation Bandwidth (kHz) min.	Spurious Response (0 to fn) (dB) max.
★TPS3.58MJ	3.58MHz	20 (27)	20 (30)	0.5 (0)
TPS4.43MJ	4.43MHz	20 (30)	40 (50)	0.5 (0)
★TPS4.5MJ	4.5MHz	20 (30)	30 (50)	0.5 (0)
★TPS5.5MJ	5.5MHz	20 (30)	30 (60)	0.5 (0)
★TPS6.0MJ	6.0MHz	20 (30)	40 (70)	0.5 (0)
TPS6.5MJ	6.5MHz	20 (30)	40 (90)	0.5 (0)

() Typ. value

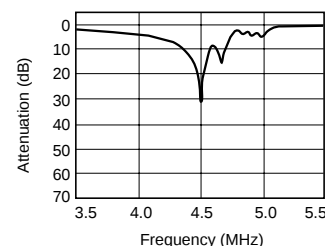
DIMENSIONS: mm



CIRCUIT



CHARACTERISTICS



SPECIFICATIONS

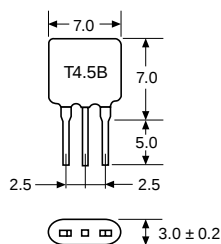
TPS MB 4.5–6.5 MHz

Part Number	Nominal Center Frequency (fn)	Attenuation at fn (dB) min.	30dB Attenuation Bandwidth (kHz) min.	Spurious Response (0 to fn) (dB) max.
★TPS4.5MB2	4.5MHz	35 (45)	50 (80)	0.5 (0)
★TPS5.5MB	5.5MHz	35 (45)	70 (120)	0.5 (0)
★TPS6.0MB	6.0MHz	35 (45)	70 (120)	0.5 (0)
★TPS6.5MB	6.5MHz	35 (45)	70 (120)	0.5 (0)

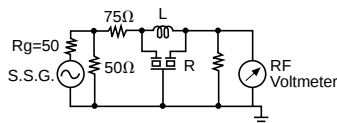
The level at 1 MHz shall be made for a reference (0dB)
Other frequencies (3.58, 4.43 MHz) are also available.

() Typ. value

DIMENSIONS: mm

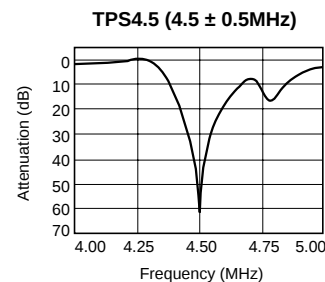


CIRCUIT



	L	R
MB2	8.2μH	2.2kΩ
Other	15μH	1.0kΩ

CHARACTERISTICS



★ Available as standard through authorized Murata Electronics Distributors.