

Ferrite Cores for EMI Suppression For Flat Cable and Flexible Board

SU Series(Separated Square)

FEATURES

- Both regular and clamp-on types are available for use with flat cables and flexible board. The clamp-on type core is highly effective for noise absorption (EMC) due to precision finish of the mating surfaces.

APPLICATIONS

Imaging devices, audio equipment, automotive electronics, telecommunication devices, office automation equipment, others.

- Absorption EMI and penetrating noise
- Prevent parasitic oscillation

SHAPES AND DIMENSIONS/CHARACTERISTICS

Metal clip type

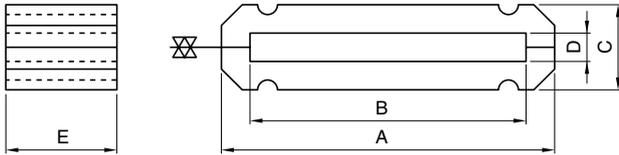


Fig.1

Non metal clip type

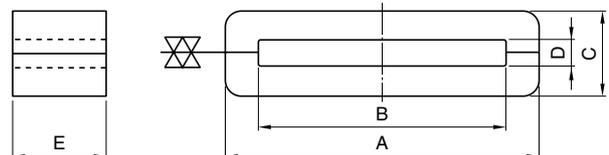


Fig.2



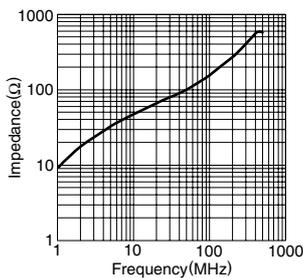
Part No.	Dimensions(mm)					Impedance Z (Ω)[at 23°C]		Fig.
	A	B	C	D	E	10MHz typ.	100MHz typ.	
HF70SU52X1.6X28.5S	62.0±1.5	52.0±1.0	11.6±0.2	1.6±0.2	28.5±0.7	49	156	1
HF70SU56X1.6X28.5S	66.0±1.5	56.0±1.0	11.6±0.2	1.6±0.2	28.5±0.7	48	151	1
HF70SU18.8X1.1X7S	23.8±0.4	18.8±0.4	6.3±0.4	1.1±0.4	7.0±0.3	15	32	2
HF70SU18.8X1.1X15S	23.8±0.4	18.8±0.4	6.3±0.4	1.1±0.4	15.0±0.5	35	74	2
HF70SU40X1.6X12S	45.2±0.5	40.0±0.5	6.7±0.4	1.6±0.4	12.0±0.3	16	49	2

- Metal clips sold separately. Please contact us for details.

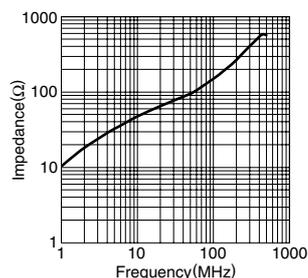
TYPICAL ELECTRICAL CHARACTERISTICS

IMPEDANCE vs. FREQUENCY CHARACTERISTICS

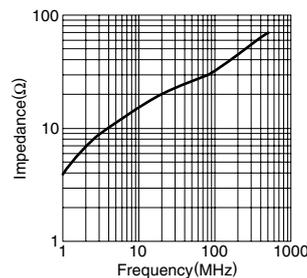
HF70SU52X1.6X28.5S



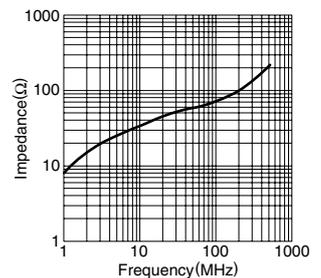
HF70SU56X1.6X28.5S



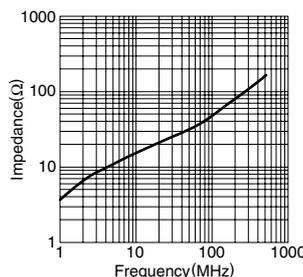
HF70SU18.8X1.1X7S



HF70SU18.8X1.1X15S



HF70SU40X1.6X12S



- All specifications are subject to change without notice.