

# Ferrites for EMI Suppression

For Flat Cable/Flexible Substrate

SU Series(Separated Square)

Issue date: May 2011

- All specifications are subject to change without notice.
  - Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.
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# Ferrite Cores for EMI Suppression For Flat Cable and Flexible Board

## SU Series(Separated Square)

### FEATURES

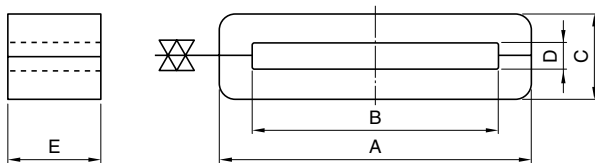
- Both regular and clamp-on types are available for use with flat cables and flexible board. The clamp-on type core is highly effective for noise absorption (EMC) due to precision finish of the mating surfaces.

### 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

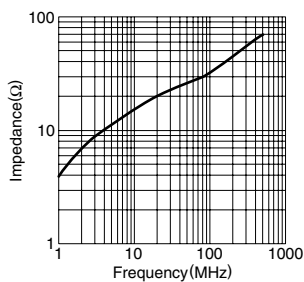


Part No.	Dimensions(mm)					Impedance Z ( $\Omega$ )[at 23°C]	
	A	B	C	D	E	10MHz typ.	100MHz typ.
HF70SU18.8X1.1X7S	23.8±0.4	18.8±0.4	6.3±0.4	1.1±0.4	7.0±0.3	15	32
HF70SU18.8X1.1X15S	23.8±0.4	18.8±0.4	6.3±0.4	1.1±0.4	15.0±0.5	35	74
HF70SU40X1.6X12S	45.2±0.5	40.0±0.5	6.7±0.4	1.6±0.4	12.0±0.3	16	49

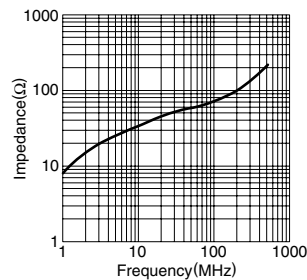
### TYPICAL ELECTRICAL CHARACTERISTICS

#### IMPEDANCE vs. FREQUENCY CHARACTERISTICS

##### HF70SU18.8X1.1X7S



##### HF70SU18.8X1.1X15S



##### HF70SU40X1.6X12S

