

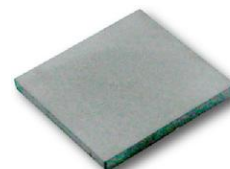
Ferrite Plate Cores (FP Series)

Description :

Ferrite Plate core (FP series) is one EMI suppression core with flat plate shape. It can suppress radiation noise from microprocessor when attached on the microprocessor, prevent resonance and suppress coupling when attached two microprocessors, suppress the electromagnetic noise through the cable from electric equipments when attached on the flat cable like FFC (Flexible Flat Cable) or FPC (Flex Printed Circuit). Also, it can avoid the NFC (Near Field Communication) mobile phone performance reduced because the battery, and restrict the magnetic fields occurred respectively from wireless charger base station and mobile device to protect others equipment.

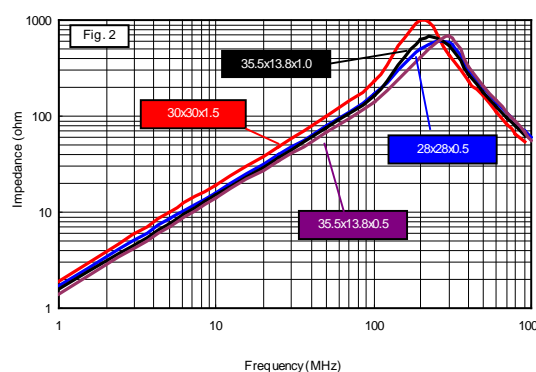
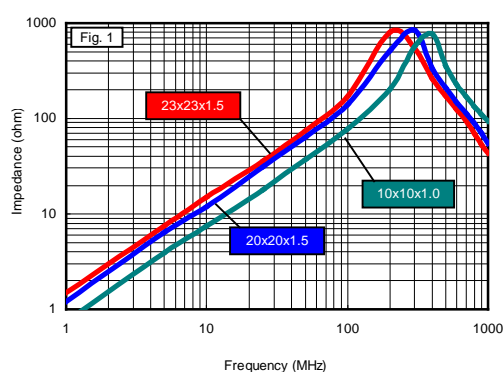
Applications :

- NFC (Near field communication)
- Wireless Charger
- Suppress radiation noise from microprocessor.
- Prevent resonance between two microprocessors.
- Suppress radiation noise from cable to compliance with FCC, VDE and VCCI.



Part Number Wide x Length x thickness (mm)	Typical Impedance (ohm)		Z-F Fig
	25MHz	100MHz	
FP 10 x 10 x 1.0 - G	18	78	Fig. 1
FP 20 x 20 x 1.5 - G	31	140	Fig. 1
FP 23 x 23 x 1.5 - G	36	171	Fig. 1
FP 28 x 28 x 0.5 - G	40	171	Fig. 2
FP 30 x 30 x 1.5 - G	48	234	Fig. 2
FP 35.5 x 13.9 x 0.5 - G	34	160	Fig. 2
FP 35.5 x 13.9 x 1.0 - G	37	160	Fig. 2

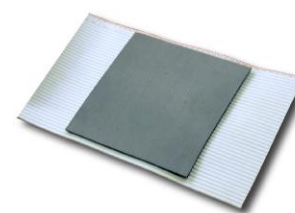
Note : We're welcome your inquiry if your dimension is not listed.



EX1 : put on microprocessor



EX2 : between two microprocessors



EX3 : apply on the flat cable