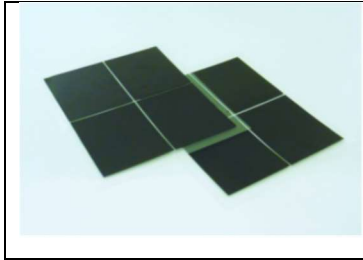


FLEXIBLE FERRITE SHEET

Kitagawa series: FFSX

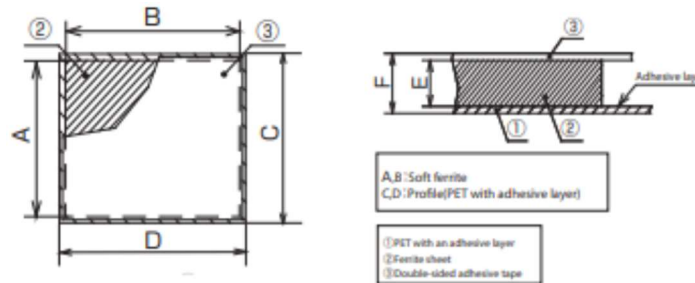


- Q Factor up to 13.56MHz.
- Excellent impact drop resistance and flexibility.
- Custom sizes available.

Material

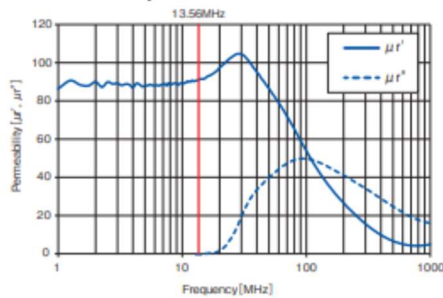
- PET with adhesive layer PET.
- Ferrite sheet.
- Double sided adhesive tape.

Part Number	A	B	C	D	E	F
FFSX-0.1H-5060T	50	60	51.5	61.5	0.1	0.21
FFSX-0.2H-5060T	50	60	51.5	61.5	0.2	0.31
FFSX-0.3H-5060T	50	60	51.5	61.5	0.3	0.41



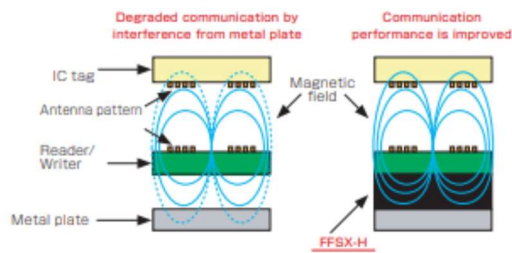
Properties

Permeability



Application

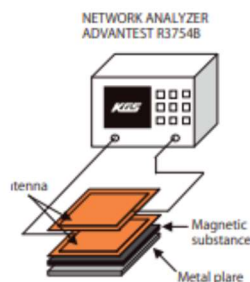
Contactless IC smart card system



Coupling loss between antennas

- Test specification

Size	31x42mm (inner diameter)
Number of turn	3turns
Gap between antennas	3mm
Gap to metal plate	1mm
Magnetic substance	
Size	50x60mm
Gap to antenna	0mm (Contact)
Thickness	FFSX-0.3H: 0.3mm FFSX-0.3: 0.3mm



Receiving field strength measurement

