

ELPACTO® Ferrite Sheets for RFID

ITEM NFCA-165

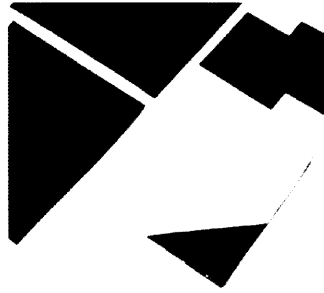
RoHS compliant

Profiles

Our NFCA ferrite sheet consists of sintered ferrite sheet with top and bottom side PET adhesives which is available in 100mm x 100mm sheet.

It is ideal product for high magnetic permeability at 13.56MHz and here are the the applications for our NFCA ferrite sheet :

- Improving reception performance in RFID reader / writer.
- EMI suppressions from low frequency.
- Secondary side subject matter from wireless powder charging equipment.



Specification

Features	Unit	Value
Dimensions	mm	100 x 100 & Max. 110 x 110
Initial permeability	real(μ')	165
at 13.56Mz	imagin(μ'')	3.5
Frequency range	MHz	1 to 100
Temperature range	°C	- 40 ~ + 85
Surface resistance	Ω/\square	1.0G min
Thermal conductivity	W/m-K	1.5
Ferrite thickness	mm	0.1

RoHS Status

RoHS Material	Pass / Fail	RoHS Material	Pass / Fail
Lead (Pb)	PASS	Mercury (Hg)	PASS
Cadmium (Cd)	PASS	Bromine Compounds	PASS
Hexavalent Chromium (Cr6)	PASS	PBBs	PASS
		PBDEs	PASS
		ICP-AES	ICP-AES
		GC/MS	GC/MS
		UV-Vis	GC/MS

Permeability & structure

