

NRC-NANOCRYSTALLINE

Features:

- Anti electromagnetic interference
- High magnetic permeability Low loss
- Very Stable temperature characteristics

Application :

Suitable for common mode filtering products with requirements for resisting DC components and transformer iron cores with high stability and low loss.



Dimension & Performance

Part No	Core dimensions (mm)						Ae (cm ²)	Le (cm)	Weight(g)	AL (μH) Typical	
	OD1	OD2	ID1	ID2	H	R				10KHz	100kHz
NRC-05001	50.0	30.0	40.0	20.0	10.0	5.0	39.0	127.2	36.2	30.0	11.0
NRC-05002	50.0	30.0	40.0	20.0	10.0	5.0	39.0	127.2	36.2	14.0	12.0
NRC-05003	50.0	30.0	40.0	20.0	10.0	5.0	39.0	127.2	36.2	1.0	1.0
NRC-05004	50.0	30.0	40.0	20.0	10.0	5.0	39.0	127.2	36.2	3.0	3.0
NRC-06001	60.0	40.0	45.0	25.0	15.0	5.0	87.5	155.0	99.3	54.0	23.0
NRC-06002	60.0	40.0	45.0	25.0	15.0	5.0	87.5	155.0	99.3	25.0	23.0
NRC-06003	60.0	40.0	45.0	25.0	15.0	5.0	87.5	155.0	99.3	2.0	2.0
NRC-06004	60.0	40.0	45.0	25.0	15.0	5.0	87.5	155.0	99.3	5.0	5.0
NRC-07001	70.0	40.0	60.0	30.0	15.0	5.0	58.5	187.2	79.9	30.0	12.0
NRC-07002	70.0	40.0	60.0	30.0	15.0	5.0	58.5	187.2	79.9	14.0	13.0
NRC-07003	70.0	40.0	60.0	30.0	15.0	5.0	58.5	187.2	79.9	1.2	1.2
NRC-07004	70.0	40.0	60.0	30.0	15.0	5.0	58.5	187.2	79.9	3.0	3.0
NRC-08001	80.0	50.0	65.0	35.0	20.0	5.0	117.0	215.0	126.9	52.0	22.0
NRC-08002	80.0	50.0	65.0	35.0	20.0	5.0	117.0	215.0	126.9	24.0	23.0
NRC-08003	80.0	50.0	65.0	35.0	20.0	5.0	117.0	215.0	126.9	2.1	2.1
NRC-08004	80.0	50.0	65.0	35.0	20.0	5.0	117.0	215.0	126.9	5.0	5.0
NRC-09001	90.0	60.0	70.0	40.0	25.0	5.0	195.0	242.9	345.7	77.0	32.0
NRC-09002	90.0	60.0	70.0	40.0	25.0	5.0	195.0	242.9	345.7	34.0	32.0
NRC-09003	90.0	60.0	70.0	40.0	25.0	5.0	195.0	242.9	345.7	3.5	3.5
NRC-09004	90.0	60.0	70.0	40.0	25.0	5.0	195.0	242.9	345.7	7	7

Note:

Customization for any size is supported.