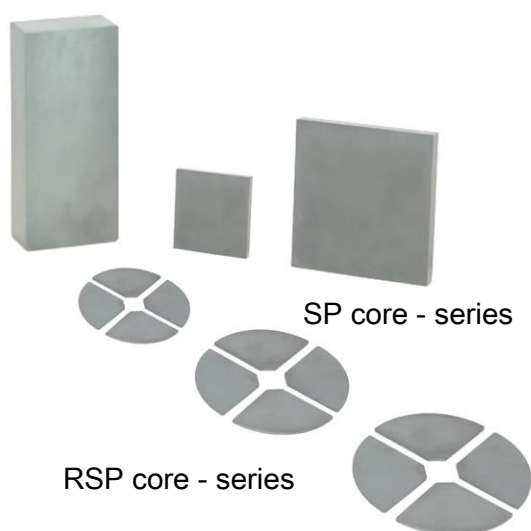


## Mn-Zn Large Size Ferrite Cores for Wireless power transfer

### Material characteristics table

Material				P44 Typical	P47 Typical	D9A Typical
Initial permeability	$\mu$	23°C		2400	2500	2000
Curie temperature	Tc		°C	>215	>230	>260
Saturation magnetic flux density	Bs	23°C		520	530	535
H=1194A/m		100°C	mT	400	420	450
Remanent flux density	Br	23°C	mT	82	60	150
Coercive force	Hc	23°C	A/m	13	13	10
Core loss 100kHz 200mT	Pcv	80°C	kw/m <sup>3</sup>	300	250	380
Approximate density	dapp		kg/m <sup>3</sup>	4.8×10 <sup>3</sup>	4.9×10 <sup>3</sup>	4.85×10 <sup>3</sup>

### SP & RSP core series

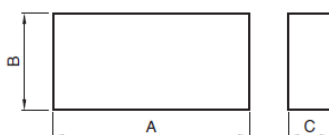


### Application

- Automotive
- Automatic Guided Vehicle(AGV)
- Medical equipment
- Industrial robot
- Charging station
- Home environments
- Other

### Mn-Zn SP core

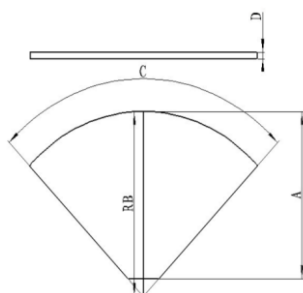
#### ■SHEPES AND DIMENSIONS



Type	Unit:(mm)		
	A	B	C
SP93-30-26	93.0	30.0	26.0
SP95-95-10	95.0	95.0	10.0
SP110-50-20	110.0	50.0	20.0
SP118-30-26	118.0	30.0	26.0
SP150-50-20	150.0	50.0	20.0
SP152-101-38	152.0	101.0	38.0
SP238-80-20	238.0	80.0	20.0

### Mn-Zn RSP core

#### ■SHEPES AND DIMENSIONS



Type	Unit:(mm)			
	A	RB	C *Angle(°)	D
RSP145	62.5	72.5	90°	3.75
RSP180	80.0	90.0	90°	3.75
RSP210	95.0	105.0	90°	3.75