

## SOFT FERRITE



Our original granulation technology and powder press molding technology permit mass production of compact, high-precision ferrite products at low cost. Surface polishing and grinding are also available by request.

### ■Features

- High-precision press molding of complicated shapes
- Total production from preparation of materials to forming and cutting.
- Ultra high-density products by HIP processing

### ■Applications

- For noise control components
- For various transformers
- For shielding components

### ■Ni-Zn Ferrite Material Table

Item	Symbol	Rating	Unit	MNZ09	MNZ06
Material				Ni-Zn Ferrite	Ni-Zn Ferrite
Initial magnetic permeability	$\mu_{ic}$	100kHz	—	1700	300
Relative loss factor	$\tan\delta/\mu_{ic}$	100kHz	$\times 10^{-6}$	<20	<20
Saturation magnetic flux density	Bs	1200A/m	mT	270	450
Relative temperature factor	$\alpha_{\mu r}$	20 ~ 60	$\times 10^{-6}/$	7	15
Curie temperature	T <sub>c</sub>	—		100	200
Bulk density	Ds	—	$\times 10^3\text{kg/m}^3$	5.15	5.15
Resistance rate		—	· m	10 <sup>6</sup>	10 <sup>6</sup>
Vickers hardness	Hv	4.9N	—	700	—
Average crystal particle size	G.S	—	$\mu\text{m}$	15	15
Principal use				Electronic parts for general-use	Electronic parts for general-use