MnZn

Material Characteristics

ITEM	Symbol	Unit	Measurtionsing Conditions		Material
			settings	Temp.	KM30T
Initial permeability	μi			20℃	3000±25%
Saturation magnetic flux density	Bs	mT	H=1200A/m	20℃	520
				100℃	400
Remanent flux density	Br	mT	H=1200A/m	20℃	110
				100℃	
Coercive force	Hc	A/m	H=1200A/m	20℃	12
				100℃	
Relative loss factor	tan δ/ μi	$\times 10^{-6}$			<3.0
Relative temperature factor	αμγ	×10-6		-20~20℃	0~2.0
				20~60℃	-1.0~1.0
				60~100℃	-1.0~1.0
Disacommodation factor	DF		1~10min		<3.0
Curie temperature	Tc	℃			>240
Electrical resistivity	ρ	Ω . m			3
Density	ds	g/cm^3			4.8