

Specifications

Product Name					
Product Code	ND1191				
Content	Name	Symbol	SI		CGS
Shape	Diameter	D	1	mm	0.1 cm
	Height	H	0.8	mm	0.08 cm
	Dimensional tolerance +/-	D H	0.1 0.1	mm mm	0.01 cm 0.01 cm
	Magnetization direction	M	Axial direction		
	Surface treatment	NiCuNi	12	μ m	-
Magnetic Properties	Surface flux density	B	168.7	mT	1687 G
	Attractive and Adsorptive Force	F	0.031	kgf	31 gf
	Operating Point Flux Density	Bd	849.3	mT	8493 G
	Total Flux	ϕ o	0.00000066	Wb	66 Mx
	Permeance Coefficient	Pc	2.58	Pc	-
	Operating Temperature Limit	Tw	90	°C	194 °F
Material Properties	Material Symbol		35		
	Residual Flux Density	Br	1170-1220	mT	11.7-12.2 kG
	Coercive Force	Hcb	≥868	kA/m	≥10.9 kOe
	Intrinsic coercive force	Hcj	≥955	kA/m	≥12 kOe
	Maximum energy product	BH	263-287	kJ/m3	33-36 MGOe
	Temperature coefficient	Br	-0.12	%/°C	31.78 %/°C
		Hcj	-0.55	%/°C	31.01 %/°C
	Heat resistance temperature	Tw	≤80	°C	≤176 °F
	Curie temperature	Tc	310	°C	590 °F
	Density	ρ	7.5	kg/m3	-
	Weight	Net	0.0000047	kg	0.0047 g

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