## **Specifications**

Product Name	Neodymium Φ5mmx6.5mm					
Product Code	ND0411					
Content	Name	Symbol	SI		CGS	
Shape	Diameter	D	5	mm	0.5	cm
	Height	Н	6.5	mm	0.65	cm
	Dimensional tolerance	D	0.1	mm	0.01	cm
	+/-	Н	0.1	mm	0.01	cm
	Magnetization direction	M	Axial direction			
	Surface treatment	NiCuNi	12	μm	-	
Magnetic Properties	Surface flux density	В	454.5	mΤ	4545	G
	Attractive and Adsorptive Force	F	0.939	kgf	939	gf
	Operating Point Flux Density	Bd	985.3	mT	9853	G
	Total Flux	φо	0.00001934	Wb	1934	Mx
	Permeance Coefficient	Pc	4.94	Pc	-	
	Operating Temperature Limit	Tw	120	°C	248	°F
Material Properties	Material Symbol	Neodymium	35			
	Residual Flux Density	Br	1170-1220	mΤ	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	ВН	263-287	kJ/m3	33-36	MGOe
	Temperature	Br	-0.12	%/°C	31.78	%/°C
	coefficient	Hcj	-0.55	%/°C	31.01	%/°C
	Heat resistance temperature	Tw	≦80	°C	≦176	°F
	Curie temperature	Tc	310	$^{\circ}$	590	°F
	Density	ρ	7.5	kg/m3	-	
	Weight	Net	0.000957	kg	0.957	g
Remarks	REACH RoHS Directive					

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