

Specifications

Product Name	Neodymium Φ 2.5mmx6mm				
Product Code	ND0693				
Content	Name	Symbol	SI		CGS
Shape	Diameter	D	2.5	mm	0.25 cm
	Height	H	6	mm	0.6 cm
	Dimensional tolerance +/-	D	0.1	mm	0.01 cm
		H	0.1	mm	0.01 cm
	Magnetization direction	M	Axial direction		
Magnetic Properties	Surface treatment	NiCuNi	12	μ m	-
	Surface flux density	B	382.6	mT	3826 G
	Attractive and Adsorptive Force	F	0.258	kgf	258 gf
	Operating Point Flux Density	Bd	1095.5	mT	10955 G
	Total Flux	ϕ o	0.00000537	Wb	537 Mx
	Permeance Coefficient	Pc	11.57	Pc	-
Material Properties	Operating Temperature Limit	Tw	150	°C	302 °F
	Material Symbol	Neodymium	35		
	Residual Flux Density	Br	1170-1220	mT	11.7-12.2 kG
	Coercive Force	Hcb	$\geq$ 868	kA/m	$\geq$ 10.9 kOe
	Intrinsic coercive force	Hcj	$\geq$ 955	kA/m	$\geq$ 12 kOe
	Maximum energy product	BH	263-287	kJ/m ³	33-36 MGOe
	Temperature coefficient	Br	-0.12	%/°C	31.78 %/°C
		Hcj	-0.55	%/°C	31.01 %/°C
	Heat resistance temperature	Tw	$\leq$ 80	°C	$\leq$ 176 °F
	Curie temperature	Tc	310	°C	590 °F
Remarks	Density	ρ	7.5	kg/m ³	-
	Weight	Net	0.00022	kg	0.22 g
REACH RoHS Directive					

All magnetic property values are for reference only. Please use them only as reference values when referring to actual magnetic application products or for research and development. We are not responsible for any liability resulting from the use of reference values. The contents of this document are subject to change without notice due to improvements or other reasons.