

Specifications

Product Name	Neodymium Φ 13mmx11mm					
Product Code	ND0340					
Content	Name	Symbol	SI		CGS	
Shape	Diameter	D	13	mm	1.3 cm	
	Height	H	11	mm	1.1 cm	
	Dimensional tolerance +/-	D	0.1	mm	0.01 cm	
		H	0.1	mm	0.01 cm	
	Magnetization direction	M	Axial direction			
Surface treatment	NiCuNi	12	μ m	-		
Magnetic Properties	Surface flux density	B	490.2	mT	4902 G	
	Attractive and Adsorptive Force	F	5.4	kgf	5405 gf	
	Operating Point Flux Density	Bd	867.1	mT	8671 G	
	Total Flux	ϕ_o	0.0001151	Wb	11510 Mx	
	Permeance Coefficient	Pc	2.78	Pc	-	
	Operating Temperature Limit	Tw	100	$^{\circ}$ C	212 $^{\circ}$ F	
Material Properties	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	$\% / ^{\circ}$ C		
		Hcj	-0.55	$\% / ^{\circ}$ C		
	Heat resistance temperature	Tw	\leq 80	$^{\circ}$ C	\leq 176 $^{\circ}$ F	
	Curie temperature	Tc	310	$^{\circ}$ C	590 $^{\circ}$ F	
	Density	ρ	7.5	kg/m ³	-	
Weight	Net	0.0109	kg	10.9 g		
Remarks	REACH RoHS Directive					

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