

Quality Report

Date:2008.06.24

Order No.		Part Number	
Part Name	Magnets NdFeB	Grade	N35H
Batch No.	B	Size	D6*2.5
Magnetized	Yes	Quantity	200pcs
		Dom	

Magnetic Properties Inspection

Sample Code	$B_r(T)$	$H_{cb}(KA/m)$	$H_{cj}(KA/m)$	$BH_{max}(KJ/m^3)$	Result
No. 1	1.204	922	1406	276	✓
No. 2					
No. 3					
No. 4					

Demagnetization Curve Attached: ☒ Yes ☐ No

Coating	Salt Spray Test:	☒ Conformity	☐ Nonconformity
	Adhesion Test:	☒ Conformity	☐ Nonconformity
	Layer Thickness:	μm	

Dimension Measurement Result

Item	Dimension / Tolerance	Supplier Measurement Result	Evaluation
1	6 ± 0.05	6.020;6.025;6.025;6.015;6.015	OK
2	2.5 ± 0.05	2.500;2.510;2.465;2.515;2.520	OK
3			
4			
5			

Cp and Cpk Value of the Measured Dimensions

Item	1	2	3	4	5
Cp	2.19	1.07			
Cpk	1.28	1.04			

Comments:

SIGNATURE:ZHANGJIANPING

TITLE: QC

DATE:2008.06.24

Component Dimensional /Functional Results

Part Name	Magnets NdFeB		Code Number				
Customer			Page	1 of 1			
Date	2008.06.24		Supplier Name				

	1	2	3	4	5	6	7
ITEM	OD	T					
Method	MICROMETER	MICROMETER					
Specification	6.000	2.500					
Upper Tol	0.050	0.050					
Lower Tol	0.050	0.050					
1	6.020	2.500					
2	6.025	2.510					
3	6.025	2.465					
4	6.015	2.515					
5	6.015	2.520					
6	6.025	2.475					
7	6.025	2.515					
8	6.015	2.485					
9	6.025	2.515					
10	6.025	2.485					
11	6.025	2.515					
12	6.035	2.500					
13	6.015	2.485					
14	6.015	2.515					
15	6.025	2.500					
16	6.015	2.485					
17	6.015	2.500					
18	6.035	2.520					
19	6.025	2.510					
20	6.035	2.485					
21	6.015	2.500					
22	6.015	2.515					
23	6.015	2.485					
24	6.000	2.500					
25	6.015	2.520					
26	6.025	2.485					
27	6.025	2.500					
28	6.015	2.520					
29	6.025	2.510					
30	6.015	2.520					
Average	6.02	2.50					
3 Sigma	0.02	0.05					
Min	6.00	2.47					
Max	6.04	2.52					
Cp	2.19	1.07					
Cp upper	1.28	1.04					
Cp lower	3.09	1.11					
CPK	1.28	1.04					
OK/NG							
Comments:							