


AMAZING  
MAGNETS®

|                                                   |
|---------------------------------------------------|
| GRADE: <b>N40</b>                                 |
| MAGNETIZED: <b>YES</b>                            |
| RESIDUAL INDUCTION (Br): <b>12.5-12.8 KG</b>      |
| COERCIVE FORCE (Hc): <b>≥ 11.4 KOe</b>            |
| INTRINSIC COERCIVE FORCE (Hci): <b>≥ 12.0 KOe</b> |
| MAX. ENERGY PRODUCT (BHmax): <b>38-41 MGOe</b>    |
| MAX OPERATIONAL TEMP: <b>80C / 176F</b>           |

|                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PROPRIETARY AND CONFIDENTIAL</b>                                                                                                                                                                |
| THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMAZING MAGNETS LLC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF AMAZING MAGNETS LLC IS PROHIBITED. |
| CAGE CODE<br><b>4R1R7</b>                                                                                                                                                                          |

|                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UNLESS OTHERWISE SPECIFIED:</b>                                                                                                             |
| DIMENSIONS ARE IN INCHES<br>TOLERANCES:<br>FRACTIONAL: ± 1/64<br>ANGULAR: MACH ± 1°<br>TWO PLACE DECIMAL ± 0.01<br>THREE PLACE DECIMAL ± 0.005 |
| MATERIAL:<br><b>NdFeB</b>                                                                                                                      |
| FINISH:<br><b>Ni-Cu-Ni</b> (silver in Color)                                                                                                   |
| DO NOT SCALE DRAWING                                                                                                                           |

|                                            |            |
|--------------------------------------------|------------|
| NAME                                       | DATE       |
| DRAWN LB                                   | 12/13/2011 |
| CHECKED TB                                 | 12/13/2011 |
| COMMENTS:<br>ALL EDGES BROKEN<br>0.025 MAX |            |

|                                                                                                                   |                              |                 |
|-------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------|
|  <b>AMAZING<br/>MAGNETS®</b> |                              |                 |
| TITLE: <b>R1000A1-DM</b>                                                                                          |                              |                 |
| SIZE<br><b>A</b>                                                                                                  | DWG. NO.<br>R1000A1-DM-SPECS | REV<br><b>0</b> |
| SCALE 2 : 1                                                                                                       |                              |                 |

5

4

3

2

1