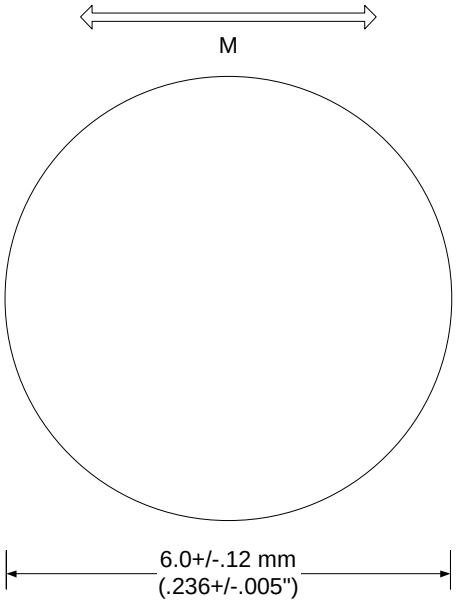
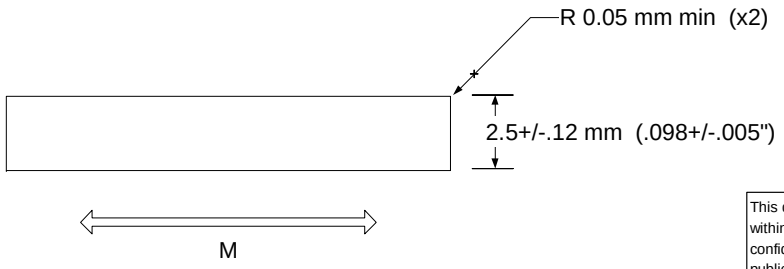




1. MATERIAL: N-35SH SINTERED NdFeB

   Br 11,800 - 12,200 G
   Hc 10,800 - 11,500 Oe
   Hci Over 20,000 Oe
   BH(max) 34-36 MGOe
   T (Max Working) 150 C

2. MAGNETIZATION: ORIENTED AND MAGNETIZED THROUGH THE DIAMETER AS INDICATED BY THE ARROW M.

3. COATING: EPOXY COATED FOR MINIMUM 15 HRS SALT SPRAY. DIMENSIONS APPLY AFTER COATING

Tolerances unless otherwise noted:

x.x +/- 0.1" (2.54 mm)
x.xx +/- 0.01" (0.25 mm)
x.xxx +/- 0.005" (.127 mm)

Dimensions are in mm (inches) unless noted.

AUSTRIA MICROSYSTEMS SENSOR MAGNET

Alliance LLC
1150 EASTPORT CENTER DR. VALPARAISO, IN. 46383

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

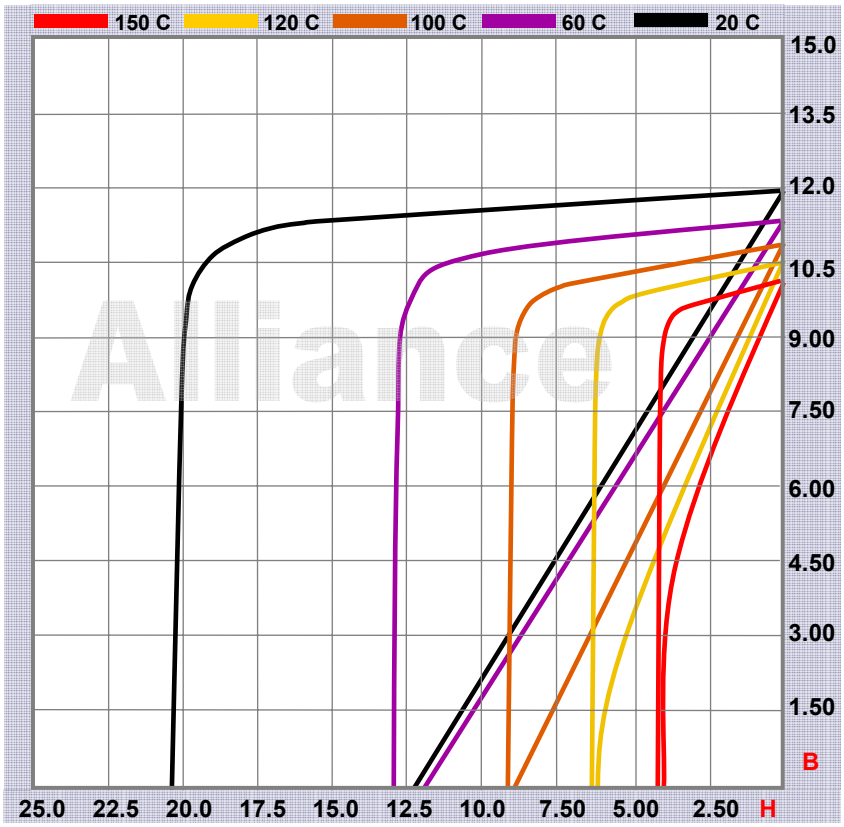
SIZE	MATERIAL	DWG NO	REV
A4	MAGNET NdFeB	072508AMS	0
GRADE	N-35SH	DRAWN BY: DV	SHEET 1 OF 1

Alliance LLC

Magnetic Products for American Industry

www.Allianceorg.com

NdFeB N-35SH



		Typical	Minimum
Residual Induction Br	G	12,000	11,700
Coercive Force Hc	Oe	11,500	11,000
Intrinsic Coercive Force Hci	Oe	22,000	20,000
Max. Energy Product (BH)max	MGOe	35	33
Material Density	Lb/in3	.2673	
Max. Operating Temperature	C	150	
Temperature Coefficient for B	-%/C	0.11	
Temperature Coefficient for H	-%/C	0.60	
Required Magnetizing Force	Oe	60,000	
Material Composition	Nd, B, Fe, Dy, Co		

Neodymium Iron Boron magnets, also known as Rare Earths or Neo, have the highest energy product of all permanent magnet materials today. In most cases, no tooling charges exist. Various grades are available, depending on maximum operating temps.

For more information please call or email Alliance technical support at:

Phone: **219-548-3799** Fax: **219-548-7071** email: **engineering@allianceorg.com**