



Products for tomorrow...

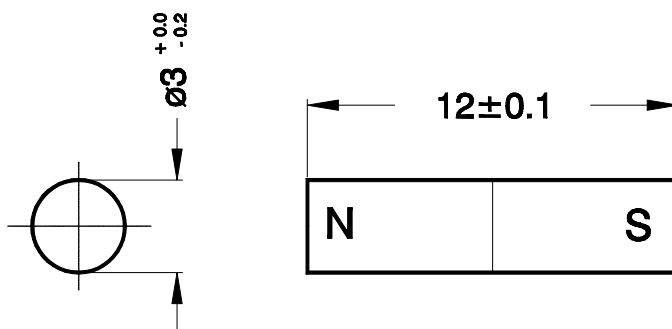
Headquarter Europe
MEDER electronic AG
Friedrich-List Strasse 6
D-78234 Engen-Welschingen
Tel.: +49(0)7733-9487-0
Fax: +49(0)7733-9487-32
eMail: info@meder.com
Internet: www.meder.com

Headquarter USA
MEDER electronic Inc.
766 Falmouth Rd
Mashpee, MA 02649
Phone: +1/ 508-539-0002
Fax: +1/ 508-539-4088
eMail: salesusa@meder.com

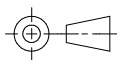
Magnet: AlNiCo 500 3 x12

Part Number: 4003004010

Dimensions (mm)



round bar magnet magnetization axial



AlNiCo 500 code acc. to DIN 17410 : 35 / 5

Magnetic values acc. to DIN 17410		Min.	Typ.	Max.	unit
Energy product	(B x H) max.	35	39,8	-	kJ/m^3
Remanence	B_r	1120	1240	-	mT
revers. temp. coeff. of B_r		-	-0,02%	-	%/K
Coercivity	H_{cB}	47,0	51,3	-	kA/m
Coercivity	H_{cJ}	48,0	51,7	-	kA/m
revers. temp. coeff. of H_{cJ}		-	-	-	%/K
Density		-	7,4	-	g/cm^3
max. operating temperature		-	-	450	°C

Remark : all details correspond to manufacturers information

Magnetic Moment	M	6,00	6,70	-	X10^{-6} Vs cm
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DEFINITION:

$$M = \Phi \cdot K$$

Φ = Magnetic Flux

K = Coil Constant