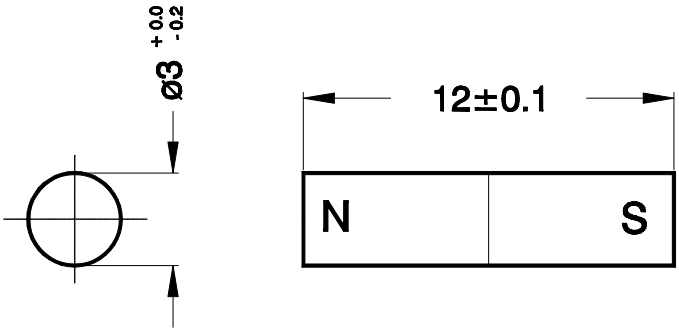
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Magnet: AlNiCo 500 3 x12

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

DEFINITION:

M = $\Phi \cdot$ **K**
Φ = Magnetic Flux
K = Coil Constant

Unikeyic Electronics

Global Electronic Components Distributor

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Standex Electronics:

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