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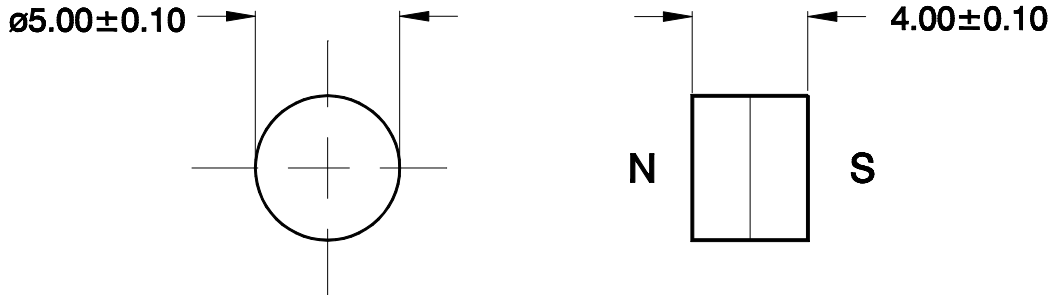
Headquarter Europe
MEDER electronic AG
Friedrich-List Strasse 6
D-78234 Engen-Welschingen
Tel.: +49(0)7733-9487-0
Fax: +49(0)7733-9487-32
eMail: info@meder.com
Internet: www.meder.com

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

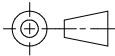
Magnet: SmCo₅ 5,0 x 4,0

Part Number: 4003004026

Dimensions (mm)



round bar magnet magnetization axial



SmCo₅ code acc. to DIN 17410 : 160 / 175 h

Magnetic values acc. to DIN 17410		Min.	Typ.	Max.	unit
Energy product	(B x H) max.	160	170	-	kJ/m ³
Remanence	B _r	900	925	-	mT
revers. temp. coeff. of B _r		-	-0,042	-	%/K
Coercivity	H _{cB}	680	710	-	kA/m
Coercivity	H _{cJ}	1750	2000	-	kA/m
revers. temp. coeff. of H _{cJ}		-	-0,25	-	%/K
Density		-	8,3	-	g/cm ³
max. operating temperature		-	-	250	°C

Remark : all details correspond to manufacturer information

Magnetic Moment	M	-	7,08523	-	X10 ⁻⁶ Vs·cm
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DEFINITION:

M = Φ · K

Φ = Magnetic Flux

K = Coil Constant

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