

## Product specification for inductive components

Form: MF04.05 (F108)  
Revision: 01

<b>Client:</b>	<b>Epcos</b>	<b>Magnetec P/N:</b>	<b>M-1050</b>	<b>Magnetec A/N:</b>	<b>12870</b>
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>03</b>
<b>Subject:</b>	<b>EMC Wandler</b>				

### 1. Mechanical Outline

Nominal equivalent round core:

**52,8 x 42,4 x 20**

Finished product dimensions:

OD ≤ **73,5 (OD1)**; **28,4 (OD2)**

ID ≥ **54,8 (ID1)**; **9,8 (ID2)**

H ≤ **23,4**

[dimensions] = mm

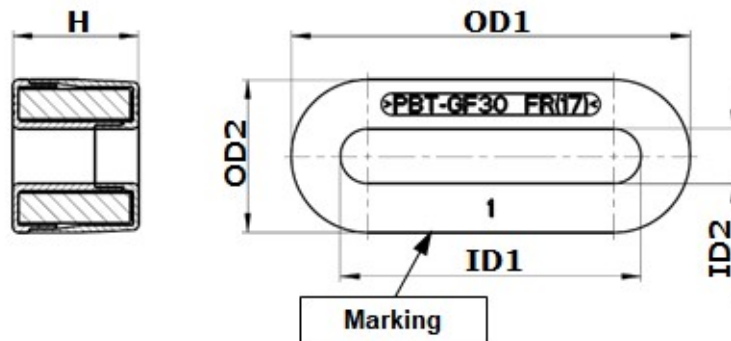
**OD1 = 73 +0,5/-0,3**

**OD2 = 28 +0,4/-0,2**

**ID1 = 55 ±0,2**

**ID2 = 10 ±0,2**

**H = 23 +0,4/-0,6**



### 2. Core data (nominal values)

Core material:	<b>NANOPERM®</b>	$L_{Fe} = 14,9 \text{ cm}$	$A_{Fe} = 0,79 \text{ cm}^2$
Permeability level:	<b>30 000</b>	@ frequency <b>10 kHz</b>	@ H peak <b>3 mA/cm</b>

### 3. Inspection values (at room temperature, unless otherwise stated)

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
<b>AL [μH]</b>	<b>14,0 - 28,0</b>	<b>10 kHz</b>	<b>31,5</b>
<b>AL [μH]</b>	<b>7,2 - NA</b>	<b>100 kHz</b>	<b>31,5</b>

### 4. Core finishing

Type:	<b>Glued into case</b>
Marking:	<b>MAGNETEC M-1050-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>15 pcs. per layer; 5 layers per carton box; PU = 75 pcs.</b>

### 5. Comments

Visit [http://www.magnetec.de/fileadmin/pdf/pb\\_ds.pdf](http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf) for further information.

Index / Revision	Alteration	Date
01 / 01	First issue	30.01.2018
01 / 02	Marking position changed	13.03.2018
01 / 03	Customer, subject and OD1 correction	26.04.2018

<b>Created:</b>	Z. Palánki 26.04.2018	<b>Approved (Techn):</b>	F. Zámbořský 08.05.2018	<b>Approved (Quality):</b>	R. Montvai 2018. 04. 27	<b>Released:</b>	P. Seiz 15.05.2018
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