

FORM F 108
Revision: 05
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Product specification
for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-087	Magnetec A/N:	12085
Client's P/N:	/	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline

<p>Nominal equivalent round core: 40 x 32 x 15</p> <p>Finished product dimensions: OD \leq 42,3 ID \geq 29,1 H \leq 17,3</p> <p>[dimensions] = mm</p> <p>Dimensions of the epoxy coated core*</p>	
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2. Core data (nominal values)

Core material:	NANOPERM®	$L_{Fe} = 11,26$ cm	$A_{Fe} = 0,44$ cm ²
Permeability level:	ca. 30.000	@ frequency 10 kHz	@ H peak 2,5 mA/cm

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

Measured value	Measurement limits	Frequency	leff x N [mA x turn]
AL [μ H]	10.7 - 21,4	10 kHz	20
AL [μ H]	6.36 - NA	100 kHz	20

4. Core finishing

Type:	Epoxy coated and foil banded
Marking:	MAGNETEC M-087-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	24 pcs. per layer; 5 layers per carton box; PU = 120 pcs.

5. Comments

* The foil bandaging can increase the geometry even by 1 mm. Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Revision	Alteration	Date
01 / 00	Product Specification	11.05.2001
01 / 01	LN format; PU: 120 pcs.	15.02.2013
01 / 02	Clarification of product dimension, define 100kHz lower limit	20.10.2014
01 / 03	100 kHz lower limit increased	04.12.2018

Created:	Z. Braxátor 04.12.2018	Approved (Techn):	F. Zámbořszky 08.01.2019	Approved (Quality):	R. Montvai 19.12.2018	Released:	B. Kessler 09.01.2019
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