

FORM F 108
Revision: 05
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Product specification
for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-157	Magnetec A/N:	12145
Client's P/N:	/	PS Index:	01	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline

<p>Nominal equivalent round core: 40 x 25 x 15</p> <p>Finished product dimensions: OD \leq 41,8 ID \geq 23,2 H \leq 17,2</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®	$L_{Fe} = 10,03 \text{ cm}$	$A_{Fe} = 0,88 \text{ cm}^2$
Permeability level:	ca. 90 000	@ frequency 10 kHz	@ H peak 2,77 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]	70 - 140	10 kHz	20
AL [μ H]	16,1 - NA	100 kHz	20

4. Core finishing

Type:	Epoxy coated and foil bandaged
Marking:	MAGNETEC M-157-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	24 pcs. per layer; 4 layers per carton box; PU = 96 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	23.01.2002
01 / 01	LN format	08.02.2013
01 / 02	Clarification of product dimension	09.04.2014
01 / 03	Nominal permeability and 10kHz upper limit given, 100kHz lower limit defined, packaging change	09.03.2015

Created:	Z. Palánki 09.03.2015	Approved (Techn):	F. Záborszky 31.03.2015	Approved (Quality):	J. Gulyás 31.03.2015	Released:	T. Trupp 31.03.2015
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