

FORM Identifier: F 108 Revision: 03 Page: 1/1	<b>Product specification for inductive components</b>	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-043	Magnetec A/N:	12040
Client's P/N:	/	PS Index:	07	PS Revision:	06
Subject:	EMV Wandler	Type:	E		

1. Mechanical Outline	
<p>Nominal core dimensions: <b>160 x 130 x 25</b></p> <p>Finished product dimensions: OD <math>\leq</math> <b>165,0</b> ID <math>\geq</math> <b>123,0</b> H <math>\leq</math> <b>30,0</b></p> <p>[dimensions] = mm</p>	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 45,39 \text{ cm}$	$A_{Fe} = 2,74 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ $H_{max}$
	~20 000	10 kHz	3,12 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [ $\mu\text{H}$ ]    [ $\mu\text{H}$ ]	10,0 - 20,0	10 kHz	100

4. Core finishing	
Type:	cased
Marking:	"MAGNETEC M-043-07 YM" (YM: Production year & month) + coloured label: Green (AL = 10,0 - 13,9 $\mu\text{H}$ ), Yellow (AL = 14,0 - 16,9 $\mu\text{H}$ ), Red (AL = 17,0 - 20,0 $\mu\text{H}$ )
Packaging:	1 pcs. per layer; 6 layers per carton box; PU = 6 pcs.

5. Comments:	
	<input checked="" type="checkbox"/> Date code (YM) on marking acc. to IEC 62 5.1; YM = production year and month <input checked="" type="checkbox"/> RoHS compliant acc. to Directive 2002/95/EC

Index / Revision	Alteration	Date
05 / 02	PU = 4 pcs	15.10.2003
06 / 03	Cased core version (case material: Ultramid)	08.07.2004
07 / 04	Case material: Zytel	14.07.2005
07 / 05	New format	28.06.2007
07 / 06	PU = 6 pcs	15.01.2008

Created:	Á. Kovách	Approved (Techn):	F. Záborszky	Approved (Quality):	V. Káposztas	Released:	F. Rauscher
	15.01.2008		24.01.2008		25.01.2008		25.01.2008