

FORM Identifier: F 108 Revision: 04 Page: 1/1	Product specification for inductive components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-083	Magnetec A/N:	12134
Client's P/N:	/	PS Index:	03	PS Revision:	05
Subject:	EMC Wandler			Type:	

1. Mechanical Outline	
Nominal core dimensions: 40 x 25 x 15 Finished product dimensions: OD \leq 43,5 ID \geq 22,5 H \leq 18,5 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 10,03 \text{ cm}$	$A_{Fe} = 0,88 \text{ cm}^2$
Permeability level:	$\geq 80\ 000$	@ frequency 10 kHz	@ H peak 2,8 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	$l_{eff} \times N$ [mA x turn]
	AL [μH]	75,0 - NA	10 kHz	20,0

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-083-03 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:	

Index / Revision	Alteration	Date
01S / 01	Sample	12.12.2000
01 / 01	Foamring 41x26x2	28.06.2001
02 / 02	Case material PA 6.6	01.09.2003
02 / 03	PU = 120 pcs	23.07.2004
03 / 04	New case MT-033.03 / PU = 96 pcs	29.08.2007
03 / 05	Case change - thicker wall	04.02.2016

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	04.02.2016		09.02.2016		09.02.2016		16.02.2016