

FORM Identifier: F 108 Revision: 03 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-283	Magnetec A/N:	12511
Client's P/N:		PS Index:	01	PS Revision:	01
Subject:	EMC Wandler			Type:	E

1. Mechanical Outline	
Nominal core dimensions: 80 x 63 x 30 Finished product dimensions: OD ≤ 101,0 (B) / 62,0 (D) ID ≥ 68,0 (A) / 28,0 (C) H ≤ 37,0 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 22,36 \text{ cm}$	$A_{Fe} = 1,86 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H peak
	~30 000	10 kHz	3,16 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	24,1 - 48,2	10 kHz	50,0

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-283-01 YM (Y = year / M = month)
Packaging:	6 pcs. per layer; 2 layers per carton box; PU = 12 pcs.

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

Index / Revision	Alteration	Date
01 / 01	Product Specification	10.03.2010

Created:	Zs. Eperjesi	Approved (Techn):	F. Zámorszky	Approved (Quality):	V. Káposztas	Released:	F. Rauscher
	10.03.2010		29.03.2010		09.04.2010		09.04.2010