

FORM Identifier: F 108 Revision: 04 Page: 1/1	Product specification for inductive components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
---	---	---



Client:	MAGNETEC	Magnetec P/N:	M-1254	Magnetec A/N:	12844
Client's P/N:	-	PS Index:	01	PS Revision:	01
Subject:	EMC Wandler	Type:			

1. Mechanical Outline	
Nominal core dimensions: 25 x 20 x 10 Finished product dimensions: OD ≤ 27,8 ID ≥ 17,0 H ≤ 12,6 [dimensions] = mm	<p>The drawing shows a toroidal core with an inner diameter (ID) and an outer diameter (OD). The height of the core is denoted as H. A 'Marking' area is indicated on the top surface of the core.</p>

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 7,04 \text{ cm}$	$A_{Fe} = 0,19 \text{ cm}^2$
Permeability level:	~4000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	Ieff x N [mA x turn]
	AL [μH]	0,93 - 1,84	10 kHz	15
	AL [μH]	0,93 - NA	100 kHz	15

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-1254-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	63 pcs. per layer; 6 layers per carton box ; PU = 378 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	First issue	05.07.2017

Created:	M. Pádár	Approved (Techn):	F. Zámbořszky	Approved (Quality):	G. Zsák	Released:	P. Seiz
	05.07.2017		28.07.2017		28.07.2017		31.07.2017