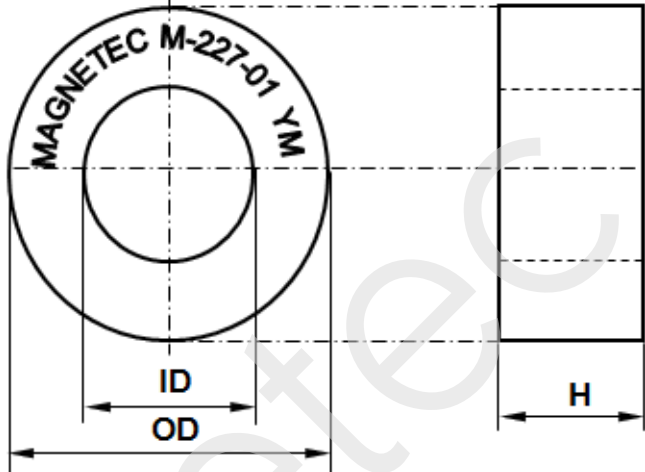


	Product specification for inductive components	Form: Revision:	MF04.05 (F108) 02
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Client:	MAGNETEC	Magnetec P/N:	M-227		
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Wandler				

1. Mechanical Outline	
Nominal equivalent round core: 50 x 40 x 20 Finished product dimensions: OD ≤ 52,3 ID ≥ 37,1 H ≤ 22,3 [dimensions] = mm Dimensions of the epoxy coated core*	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 14,08 \text{ cm}$	$A_{Fe} = 0,73 \text{ cm}^2$
Permeability level:	30.000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measurement limits	Frequency	I _{eff} x N [mA x turn]
AL [μH]	12,6 - 28,4	10 kHz	30
AL [μH]	6,3 - NA	100 kHz	30

4. Core finishing	
Type:	Epoxy coated and foil bandaged
Marking:	MAGNETEC M-227-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	15 pcs. per layer; 4 layers per carton box; PU = 60 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	05.07.2004
01 / 01	LN format	22.02.2013
01 / 02	Clarification of product dimension, define 100kHz lower limit	20.10.2014

Created:	Z. Palánki 20.10.2014	Approved (Techn):	F. Záborszky 31.03.2015	Approved (Quality):	J. Gulyás 31.03.2015	Released:	T. Trupp 31.03.2015
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