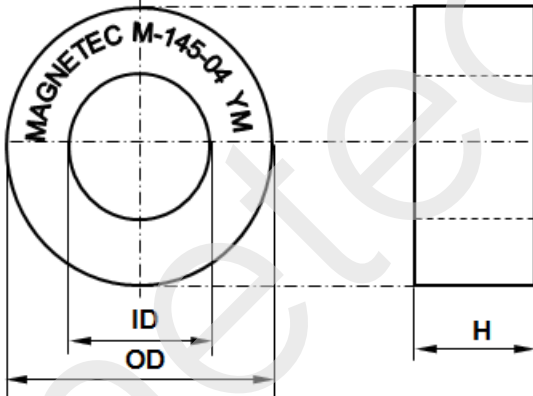


	Product specification for inductive components	Form: Revision:	MF04.05 (F108) 02
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Client:	MAGNETEC GmbH	Magnetec P/N:	M-145		
Client's P/N:	/	PS Index:	04	PS Revision:	03
Subject:	EMC Wandler				

1. Mechanical Outline	
Nominal equivalent round core: 20 x 12,5 x 5 Finished product dimensions: OD ≤ 22,0 ID ≥ 10,5 H ≤ 6,2 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 5,01 \text{ cm}$	$A_{Fe} = 0,14 \text{ cm}^2$
Permeability level:	~30.000	@ frequency 10 kHz	@ H peak 2,8 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
AL [μH]	7,4 - 14,8	10 kHz	10

4. Core finishing	
Type:	Epoxy coated
Marking:	MAGNETEC M-145-04 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	75 pcs. per layer; 10 layers per carton box; PU = 750 pcs.

5. Comments
Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Revision	Alteration	Date
01S / 00	Sample	01.10.2001
01 / 00	Product specification	07.04.2003
02 / 01	Coated core high ≤ 6,0 mm	05.09.2003
03 / 02	PU = 750 pcs.; AL limits revised; RoHS conform	28.03.2007
04 / 03	Height increased	11.12.2013

Created:	Z. Palánki	Approved (Techn):	F. Zámbořský	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	11.12.2013		19.12.2013		19.12.2013		19.12.2013

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