

FORM F 108 Revision: 05 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-114(+)	Magnetec A/N:	12690
Client's P/N:	/	PS Index:	01	PS Revision:	01
Subject:	WANDLER				

1. Mechanical Outline	
Nominal equivalent round core: 100 x 80 x 30 Finished product dimensions: OD \leq 105,0 ID \geq 75,0 H \leq 35,0 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 28,16 \text{ cm}$	$A_{Fe} = 2,25 \text{ cm}^2$
Permeability level:	30 000	@ frequency 10 kHz	@ H peak 3,0 mA/cm

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
AL [μ H]	22,5 - 45,0	10 kHz	60
AL [μ H]	14.6 - NA	100 kHz	60

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-114(+)-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	4 pcs. per layer; 3 layers per carton box; PU = 12 pcs.

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

Index / Revision	Alteration	Date
01 / 01	First issue	28.07.2014

Created:	Z. Palánki 28.07.2014	Approved (Techn):	F. Záborszky 01.08.2014	Approved (Quality):		Released:	T. Trupp 01.08.2014
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