

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-125	Magnetec A/N:	12130
Client's P/N:		PS Index:	03	PS Revision:	07
Subject:	EMC Wandler			Type:	

1. Mechanical Outline	
Nominal core dimensions: 16 x 10 x 6 Finished product dimensions: OD \leq 18,2 ID \geq 8,4 H \leq 8,2 [dimensions] = mm	

2. Core data (nominal values)			
Core material:	NANOPERM®	$L_{Fe} = 4,0 \text{ cm}$	$A_{Fe} = 0,12 \text{ cm}^2$
Permeability level:	ca. 30 000	@ frequency 10 kHz	@ H peak 3,5 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	$I_{eff} \times N$ [mA x turn]
	AL [μ H]	9,5 - 19	10 kHz	10
	AL [μ H]	4,7 - NA	100 kHz	10

4. Core finishing	
Type:	Cased
Marking:	MAGNETEC M-125-03 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	60 pcs. per layer; 7 layers per carton box; PU = 420 pcs.

5. Comments:	

Index / Revision	Alteration	Date
01 / 00	Product Specification	06.09.2001
02 / 01	LN form / PU = 360 pcs / RoHS compliant	14.11.2008
02 / 02	Marking position changed	11.10.2012
02 / 03	Dimension change	17.10.2012
02 / 04	Packaging change	29.11.2013
02 / 05	100kHz lower limit defined	12.11.2014
02 / 06	Drawing updated	25.02.2016
03 / 07	Change to blue	01.08.2016

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	L. Ferencz	Released:	P. Seiz
	01.08.2016		13.09.2016		13.09.2016		13.09.2016