

FORM Identifier: F 108 Revision: 04 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:	MR-102	Magnetec A/N:	83399
Client's P/N:	-	PS Index:	03S	PS Revision:	06
Subject:	EMC Wandler	Type:	K		

Preliminary datasheet : This document is strictly confidential ! It is subject to change without prior notice !

1. Mechanical Outline	
Nominal core dimensions: 100,4 x 67,1 x 13 Finished product dimensions: OD ≤ 104,7 ID ≥ 63,6 H ≤ 16,4 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 25,96 \text{ cm}$	$A_{Fe} = 1,62 \text{ cm}^2$
Nominal values:	Permeability level > 8 000	@ frequency 10 kHz	@ H peak 3,0 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	6,6 - 13,2	10 kHz	55
	AL [μH]	4,76 - NA	100 kHz	55

4. Core finishing	
Type:	Epoxy coated
Marking:	MAGNETEC MR-102-03 SAMPLE YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	pcs. per layer; layers per carton box ; PU = 20 pcs.

5. Comments :	

Index / Revision	Alteration	Date
01S / 01	Sample	11.07.2011
01S / 02	Mechanical and electrical revision	18.05.2012
02S / 03	AL-value revised	22.06.2012
02S / 04	Limit change	01.08.2012
03S / 05	Epoxy version	04.01.2013
03S / 06	Dimension and AL change	30.04.2013

Created:	Z. Palánki	Approved (Techn):	T. Trupp	Approved (Quality):		Released:	
	30.04.2013						