

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	Magnetec P/N:	MR-140	Magnetec A/N:	83144
Client's P/N:	-	PS Index:	03S	PS Revision:	04
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: 139,2 x 106,8 x 23 Finished product dimensions: OD ≤ 143,7 ID ≥ 103,1 H ≤ 27,0 [dimensions] = mm	

2. Core data			
Core material:	NANOPERM®	$L_{Fe} = 38,42 \text{ cm}$	$A_{Fe} = 2,78 \text{ cm}^2$
Nominal values:	Permeability level	@ frequency	@ H peak
	> 8 000	10 kHz	3,13 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	leff x N [mA x turn]
	AL [μH]	7,6 - 15,1	10 kHz	81
	AL [μH]	5,46 - NA	100 kHz	81

4. Core finishing	
Type:	Epoxy coated
Marking:	MAGNETEC MR-140-03 YM SAMPLE (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	? pcs. per layer; ? layers per carton box ; PU = 6 pcs.

5. Comments :	

Index / Revision	Alteration	Date
01S / 01	Sample	19.10.2011
02S/02	ID bigger	22.03.2012
02S/03	AL-specification changed	18.05.2012
03S / 04	Epoxy version	30.04.2013

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