

FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
---	--	---

Client:	MAGNETEC GmbH	Magnetec P/N:	MB-022	Magnetec A/N:	12057
Client's p/n:	/	PS Index:	02	PS Revision:	04
Subject:	EMC COMPONENT			Type:	

1.1 Mechanical outline	Wiring diagram

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	$\leq 8,5$ mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 0,33 mH	Operating temperature:	-40 ... +50 °C
Nominal current:	8,5 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 4 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 8	Wire diameter:	1 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	0,26 - 0,50	Ief f = 1,5 mA f = 100 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	NA - 8,5	RT = 25°C
	Checking high voltage strength liso <math>< 1\text{mA}</math>	OK - NOK	Up,eff = 2,5 kV t = 2 s
		-	
		-	

4. Others	
Marking:	MAGNETEC MB -022-02 YM (date of fabrication year / month)
Packaging:	30 pcs. per layer, 4 layers per carton box ; PU = 120 pcs.
Comments:	



Index / Rev.	Alteration	Date
01S / 00	Sample	19.05.2000
01 / 00	Product Specification	15.01.2001
01 / 01	Packaging PU = 150 pcs.	16.05.2001
02 / 02	Core: M-243; LN1 = LN2 = 0,26 mH - 0,5mH @ 100 kHz	16.02.2004
02 / 03	New format; RoHS conform; PU = 120 pcs.	09.03.2007
02 / 04	Wire diameter given and wiring diagram changed	11.12.2014

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	11.12.2014		12.01.2015		12.01.2015		12.01.2015