

FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-009	Magnetec A/N:	12005
Client's p/n:	/	PS Index:	03	PS Revision:	04
Subject:	EMC Component			Type:	E

1.1 Mechanical outline	Wiring diagram
<p>Pin position tolerance: $\pm 0,3\text{mm}$</p>	

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	$\leq 17 \text{ mOhms}$
Nominal voltage:	250 Veff AC	High voltage strength:	$U_{p,eff} = 2,5 \text{ kV}$
Nominal inductance:	2 x 18 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	8 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 13 μH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 17	Wire diameter:	2x 0,8 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	11,0 - 28,0	f = 10 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	NA - 17,0	RT = 25 °C
	HV strength between N 1 and N2 / liso < 1mA	OK - NOK	$U_{p,eff} = 2,5 \text{ kV}$
		-	leff = 1 mA
		-	t = 2 s

4. Others	
Marking:	MAGNETEC MB-009-03 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	30 pcs. per layer, 4 layers per carton box ; PU = 120 pcs.
Comments:	

Index / Rev.	Alteration	Date
02 / 01	Product Specification	21.01.2002
03 / 02	Separator: MT-019.03, tin and flux change	18.10.2004
03 / 03	LN format	08.03.2013
03 / 04	Drawing changed	21.01.2014

Created:	Z. Palánki	Approved (Techn):	F. Zámbořszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	21.01.2014		04.02.2014		04.02.2014		04.02.2014