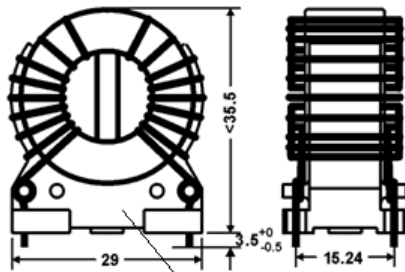
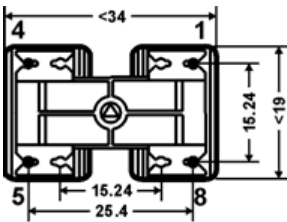


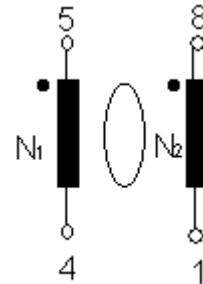
FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client: MAGNETEC	Magnetec P/N: MB-087	Magnetec A/N: 12098
Client's p/n:	PS Index: 02	PS Revision: 02
Subject: EMC Component	Type: E	

1.1 Mechanical outline	Wiring diagram
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**MAGNETEC
MB-087-02 YM**



Tolerance: ±0,3mm

2. Nominal values

Core material:	NANOPERM®	Wire Resistance:	≤ 34 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	2,5 kV
Nominal inductance:	2 x 15 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	6 A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. 40 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 27	Wire diameter:	1 mm
Comments:			

3. Inspection values

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	10,5 - 21,0	f = 10 kHz	lef f = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 34	RT = 25°C	
HV strength between N1 and N2 / liso < 1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
	-		
	-		

4. Others

	Marking:	MAGNETEC MB-087-02 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
01 / 00	Product Specification	15.05.2001
02 / 01	Spacer MT-019.03	29.09.2004
02 / 02	New format	14.05.2012

Created:	Zs. Eperjesi	Approved (Techn):	F. Zámberszky	Approved (Quality):	J. Gulyás	Released:	F. Rauscher
	14.05.2012		21.05.2012		23.05.2012		23.05.2012