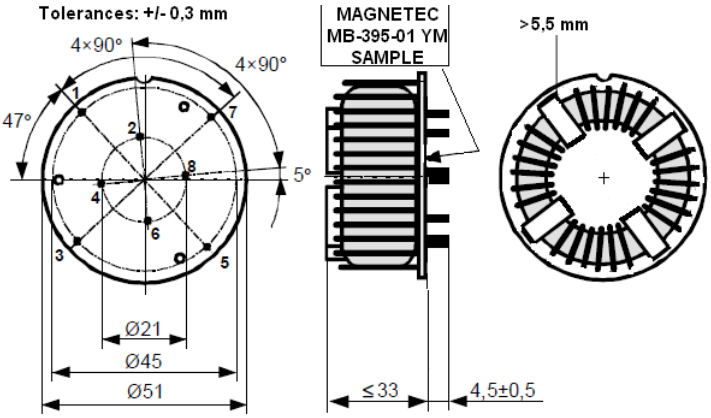
FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold

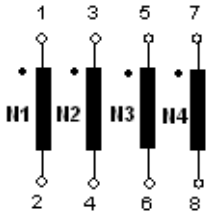
Client:	MAGNETEC	Magnetec P/N:	MB-395	Magnetec A/N:	83116
Client's p/n:	-	PS Index:	01S	PS Revision:	01
Subject:	EMC Component			Type:	E

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

1.1 Mechanical outline



Wiring diagram



PRELIMINARY SPECIFICATION

2. Nominal values

Core material:	NANOPERM®	Wire Resistance:	<= 3,6 mOhms
Nominal voltage:	600 Veff AC	High voltage strength:	Up,eff = 2,25 kV
Nominal inductance:	4 x 3,56 mH	Operating temperature:	-40... +70 °C
Nominal current:	20* A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. ? µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = N4 = 9	Wire diameter:	1,8 mm
Comments:	* forced air cooling assumed		

3. Inspection values

Measured value	Measuring limits	Measuring configurations	
Inductivity L1;L2;L3;L4 [mH]	2,2 - 5,6	f = 10 kHz	Ieff = 3 mA
Inductivity L1;L2;L3;L4 [mH]	0,55 - 1,42	f = 100 kHz	Ieff = 3 mA
HV strength betw. N1; N2; N3; N4 / Iiso < 1mA	OK - NOK	Up,eff = 2,25 kV	t = 1 s
Wire resistance Rcu1;Rcu2;Rcu3;Rcu4 [mOhms]	NA - 3,6	RT = 20 °C	AQL 1 S-4
Mechanical test [mm]	OK - NOK		AQL 1 S-4

4. Others

Marking:	MAGNETEC MB-395-01 YM SAMPLE (date of fabrication year / month)
Packaging:	? pcs. per layer, ? layers per carton box; PU = ? pcs.
Comments:	Base plate: FR4

Index / Rev.	Alteration	Date
01S / 01	Sample Specification	14.06.2011

Created:	Zs. Eperjesi 14.06.2011	Approved (Techn):		Approved (Quality):		Released:	