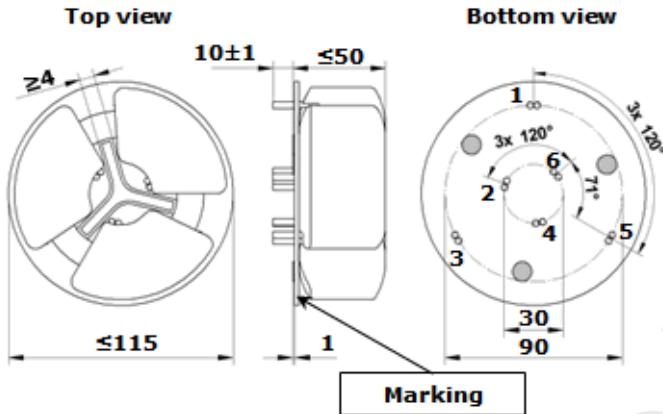
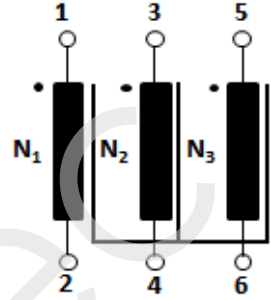


CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC's prior written consent.

Client:	Magnetec	Magnetec P/N:	MB-656		
Client's p/n:	/	PS Index:	02S	PS Revision:	02
Subject:	EMC Component				
Preliminary datasheet: This document is strictly confidential! It is subject to change without prior notice!					

1. Mechanical outline	Wiring diagram
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	440 Veff AC	Ambient temperature:	-40 ... +70 °C
Nominal inductance:	3 x 3,5 mH	Max. operating temperature:	°C
Nominal current:	60 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	~17 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 13	Wire diameter:	2x 3,35 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	2,3 - 5,1	f = 10 kHz	Ueff = 0,1 V
Inductivity L1; L2; L3 [mH]	1,5 - NA	f = 100 kHz	Ueff = 0,1 V
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	0 - 1,35	T = 23±3°C	
HV strength between N1; N2 and N3	OK - NOK	Ueff = 2,5 kV	t = 2 s
	-		

4. Others
Marking: MAGNETEC MB-656-01 YM SAMPLE (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging: pcs. per layer, layers per carton box; PU = pcs.
Comments: Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
01S / 01	Sample	12.02.2016
02S / 02	Wire diameter increased	29.04.2016

Created: Z. Palánki 29.04.2016	Approved (Techn):	Approved (Quality):	Released:
-----------------------------------	-------------------	---------------------	-----------

CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC's prior written consent. Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages.