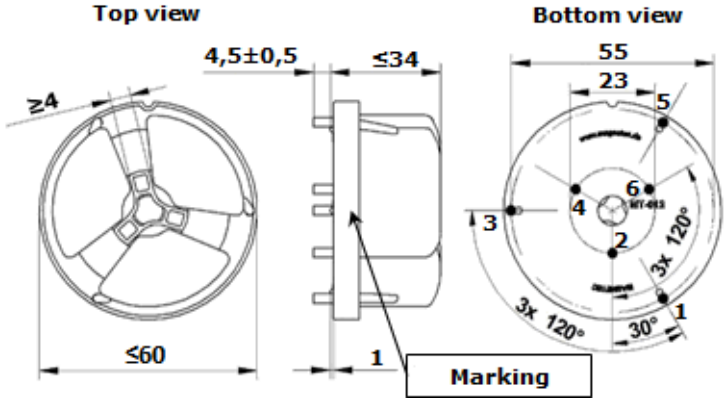
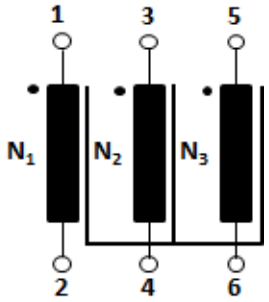
FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold

Client:	MAGNETEC	Magnetec P/N:	MB-691	Magnetec A/N:	12803
Client's p/n:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Component			Type:	

1.1 Mechanical outline



Wiring diagram



2. Nominal values

Core material:	NANOPERM®	Wire Resistance:	<= 1,6 mOhms
Nominal voltage:	440 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	3 x 3 mH	Operating temperature:	-40 ... +70 °C
Nominal current:	35 A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. 3,7 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 6	Wire diameter:	2,5 mm
Comments:			

3. Inspection values

Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	2,16 - 4,82	f = 10 kHz	Ueff = 0,1 V
Inductivity L1; L2; L3 [mH]	0,68 - NA	f = 100 kHz	Ueff = 0,1 V
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	0 - 1,6	T = 23±3°C	
HV strength between N1; N2; N3 / Iiso<1mA	OK - NOK	Ueff = 2,5 kV	t = 2 s
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4. Others

Marking:	MAGNETEC MB-691-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	12 pcs. per layer, 2 layers per carton box; PU = 24 pcs.
Comments:	

Index / Rev.	Alteration	Date
01 / 01	First issue	01.07.2016

Created:	M. Pádár 01.07.2016	Approved (Techn):	F. Zámborszky 06.10.2016	Approved (Quality):	L. Ferencz 06.10.2016	Released:	T. Trupp 07.10.2016