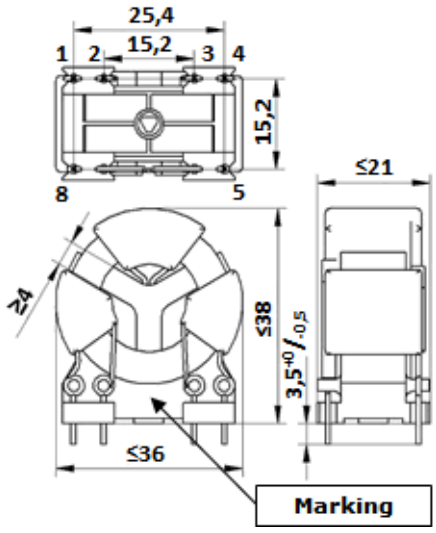
FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold

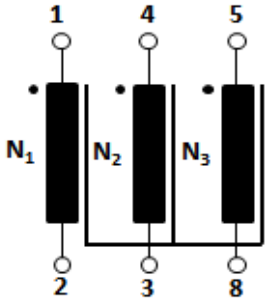
Client:	MAGNETEC	Magnetec P/N:	MB-074	Magnetec A/N:	84136
Client's p/n:	/	PS Index:	02S	PS Revision:	01
Subject:	EMC Component			Type:	

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

1.1 Mechanical outline



Wiring diagram



2. Nominal values

Core material:	NANOPERM®	Wire Resistance:	<= 42 mOhms
Nominal voltage:	440 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	3 x 6 mH	Operating temperature:	-40 ... +70 °C
Nominal current:	4 A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. 34 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 24	Wire diameter:	0,8 mm
Comments:			

3. Inspection values

Measured value	Measuring limits	Measuring configurations	
Inductivity L 1; L2; L3 [mH]	3,85 - 8,65	f = 10 kHz	Ueff=0,1V
Inductivity L 1; L2; L3 [mH]	1,92 - NA	f = 100 kHz	Ueff=0,1V
Wire resistance Rcu 1; Rcu2; Rcu3 [mOhms]	0 - 42	T = 25°C	
HV strength between N 1; N2; N3 / Iiso<1mA	OK - NOK	Up,eff = 2,5kV	t = 2s
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4. Others

Marking:	MAGNETEC MB-074-02 YM SAMPLE (YM = Year/Month), acc. to IEC 60062 6.2.1
Packaging:	pcs. per layer, layers per carton box ; PU = pcs.
Comments:	

Index / Rev.	Alteration	Date
02S / 01	Sample	14.09.2015

Created:	Z. Palánki 14.09.2015	Approved (Techn):		Approved (Quality):		Released:	