

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-602	Magnetec A/N:	12737
Client's p/n:	/	PS Index:	02	PS Revision:	01
Subject:	EMC Component			Type:	

1.1 Mechanical outline	Wiring diagram

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	≤ 58 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 75 mH	Operating temperature:	-40 ... +70 °C
Nominal current:	4 A	Storage temperature::	-40 ... +85 °C
Leakage inductances:	ca. 70 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 35	Wire diameter:	0,85 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	49 - 109	f = 10 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	0 - 58	T = 23±3°C
	HV strength between N 1; N2 / liso < 1mA	OK - NOK	Ueff = 2,5 kV
		-	Ueff = 0,1 V
		-	t = 2 s

4. Others	
Marking:	MAGNETEC MB -602-02 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	30 pcs. per layer, 4 layers per carton box ; PU = 120 pcs.
Comments:	

Index / Rev.	Alteration	Date
02 / 01	First issue	03.06.2015

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