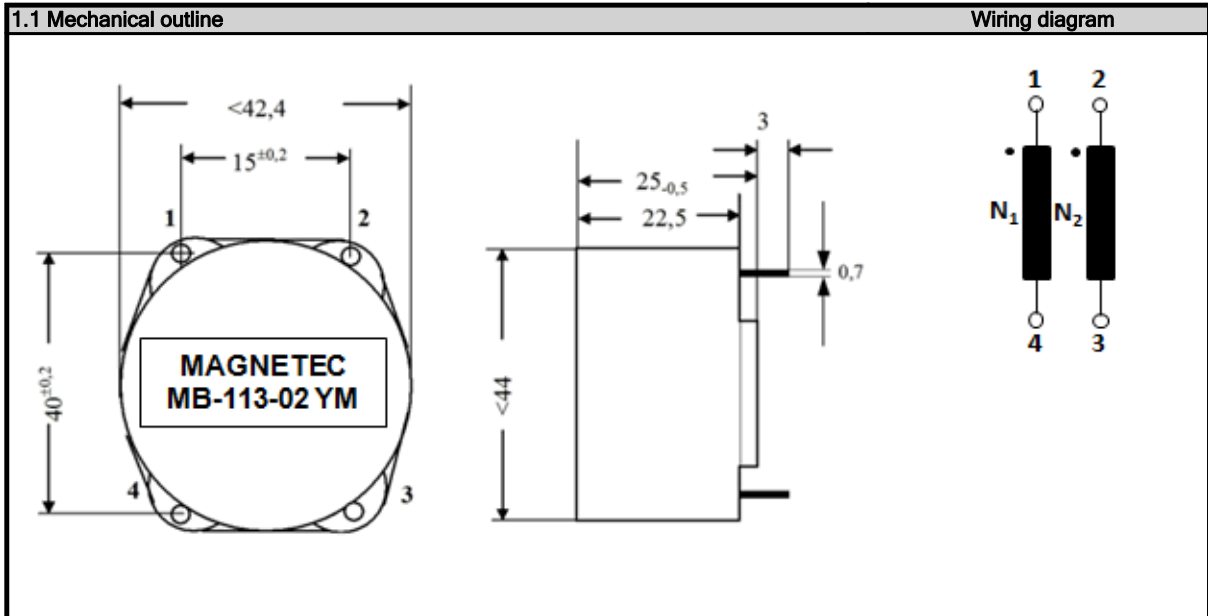



FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-113	Magnetec A/N:	12121
Client's p/n:	/	PS Index:	02	PS Revision:	03
Subject:	EMC Component			Type:	E



2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	≤ 32 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 32 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	5 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 20 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 22	Wire diameter:	0,9 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	18,7 - 46,2	f = 10 kHz
	Wire resistance Rcu 1; Rcu2 [mOhms]	NA - 32	RT = 25 °C
	HV strength between N 1 and N2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV
		-	Ieff = 1 mA
		-	t = 2 s

4. Others	
	Marking: MAGNETEC MB-113-02 YM (YM = Year/Month), acc. to IEC 62 5.1 Packaging: 15 pcs. per layer, 4 layers per carton box; PU = 120 pcs. Comments:

Index / Rev.	Alteration	Date
02 / 02	Product Specification	14.11.2001
02 / 03	LN format	11.03.2013

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyas	Released:	F. Rauscher
	11.03.2013		14.03.2013		19.03.2013		19.03.2013