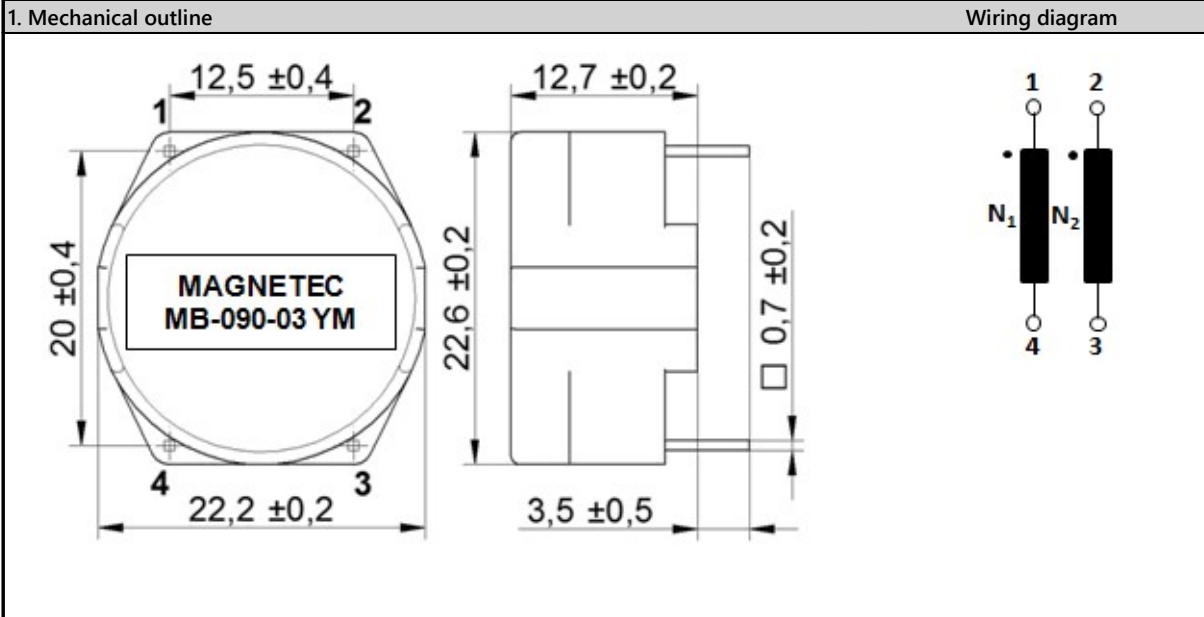


Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	MB-090	Magnetec A/N:	12108
Client's p/n:	/	PS Index:	03	PS Revision:	04
Subject:	EMC Component				



2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 ... +50 °C
Nominal inductance:	2 x 25 mH @ 10 kHz	Max. operating temperature:	°C
Nominal current:	2,6* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 12 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 24	Wire diameter:	0,45 mm
Comments:	* Forced cooling assumed.		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2 [mH]	14,8 - 32,0	f = 10 kHz	Ieff = 1 mA
Wire resistance Rcu1; Rcu2 [mOhms]	NA - 85,0	RT = 25 °C	
HV strength between N1; N2 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV	t = 2 s
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	-		

4. Others	
Marking:	MAGNETEC MB-090-03 YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	60 pcs. per layer, 5 layers per carton box; PU = 300 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
02 / 01	N = 24 turns; Rcu <= 85 mOhm; L = 17,2 - 32,0 mH	27.06.2001
03 / 02	L = 14,8 - 32,0 mH	21.02.2002
03 / 03	LN format	25.02.2013
03 / 04	Drawing changed: tolerances added	05.06.2013

Created:	Z. Palánki 05.06.2013	Approved (Techn):	F. Záborszky 07.08.2013	Approved (Quality):	J. Gulyás 12.08.2013	Released:	F. Rauscher 12.08.2013
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