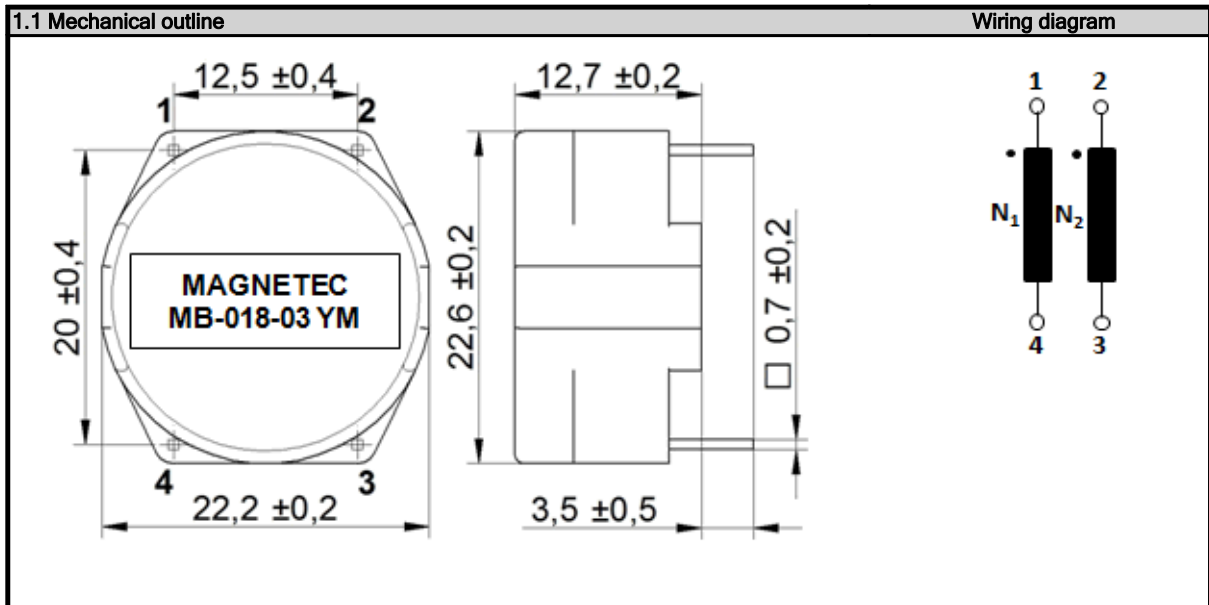


FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-018	Magnetec A/N:	12038
Client's p/n:	/	PS Index:	03	PS Revision:	03
Subject:	EMC Component			Type:	E



2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	<= 23 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 6,8 mH @ 10 kHz	Operating temperature:	-40 ... +60 °C
Nominal current:	4 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 8 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 12	Wire diameter:	0,63 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L1; L2 [mH]	3,7 - 9,3	f = 10 kHz leff = 1 mA
	Wire resistance Rcu1; Rcu2 [mOhms]	0 - 23	RT = 25 °C
	HV strength between N1; N2 / liso < 1mA	OK - NOK	Up,eff = 2,5 kV t = 2 s
		-	
		-	

4. Others	
	Marking: MAGNETEC MB-018-03 YM (YM = Year/Month), acc. to IEC 62 5.1
	Packaging: 60 pcs. per layer, 5 layers per carton box; PU = 300 pcs.
	Comments:

Index / Rev.	Alteration	Date
01 / 00	Product Specification	27.06.2001
02 / 01	L1, L2 = 3,7 - 9,3 mH; Rcu1, Rcu2 <= 23 mOhm	10.06.2002
03 / 02	RoHS conform	06.02.2006
03 / 03	LN format, drawing changed: tolerances added	05.06.2013

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