

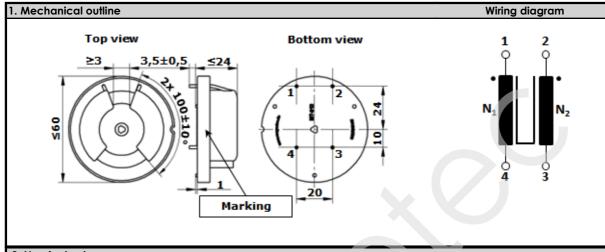
Product specification for Inductive Components

Form: Revision:

MF04.07 (F190)

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Client:	Magnetec	Magnetec P/N:	MB-921		
Client's p/n:	/	PS Index:	01\$	PS Revision:	01
Subject: EMC Component					
Preliminary datasheet: This document is strictly confidential! It is subject to change without prior notice!					



2. Nominal values				
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV	
Nominal voltage:	250 Veff AC	Ambient temperature:	-40 +70 °C	
Nominal inductance:	2 x 2 mH	Max. operating temperature:	°C	
Nominal current:	20 A	Storage temperature:	-40 +85 °C	
Leakage inductances:	~10 µH	Design standard:	EN 60938-1	
No. of turns:	N1 = N2 = 11	Wire diameter:	1,6 mm	
Comments:			•	

3. Inspection values (at room temperature, unless otherwise stated)				
Measured value	Measuring limits	Measuring configurations		
Inductivity L1; L2 [mH]	1,20 - 2,68	f = 10 kHz	Ueff = 0,1 V	
Inductivity L1; L2 [mH]	0,80 - NA	f = 100 kHz	Ueff = 0,1 V	
Wire resistance Rcu1; Rcu2 [mOhms]	0 - 5,5	T = 23±3°C		
HV strength between N1 and N2	OK - NOK	Ueff = 2,5 kV	t = 2 s	
	-			

4. Others			
Marking:	MAGNETEC MB-921-01 YM SAMPLE (YM = Year/Month), acc. to IEC 60062 6.1.1		
Packaging:	pcs. per layer, layers per carton box; PU = pcs.		
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb ds.pdf for further information.		

	Index / Rev.	Alteration	Date
l	018 / 01	Sample	17.03.2016

Created:	Z. Palánki	Approved	Approved	Released:
	17.03.2016	(Techn):	(Quality):	

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