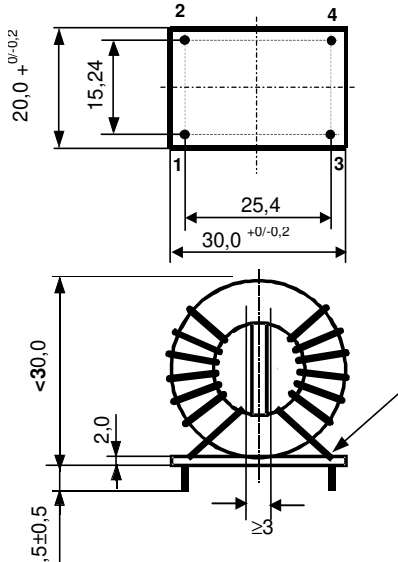
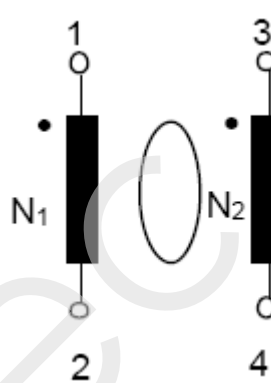


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Client:	MAGNETEC GmbH	Magnetec P/N:	MB-184		
Client's p/n:	/	PS Index:	02	PS Revision:	01
Subject:	EMC Component				

1. Mechanical outline	Wiring diagram
	

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	1,5 kV eff
Nominal voltage:	250 Veff AC	Ambient temperature:	-20 ... +50 °C
Nominal inductance:	2 x 3,0 mH	Max. operating temperature:	°C
Nominal current:	16 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	~ 2,5 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 7 turns	Wire diameter:	mm
Comments:			

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

4. Others	
Marking:	MAGNETEC MB-184-02 YM (Y= production year; M=month)
Packaging:	30 pcs. per layer, 4 layers per carton box; PU = 120 pcs.
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.

Index / Rev.	Alteration	Date
02S / 01	N1 = N2 = 7 turns; Lnom = 3,0mH; L >= 2,0mH @ 10 kHz	18.04.2008
02 / 01	Product Specification	07.01.2009

Created:	Á. Kovách	Approved (Techn):	F. Zámbořský	Approved (Quality):	V. Káposztas	Released:	F. Rauscher
	07.01.2009		20.01.2009		20.01.2009		20.01.2009

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