

## Product specification for inductive components

CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC 's prior written consent.

Client:	MAGNETEC	Magnetec P/N:	M-205		
Client's P/N:	/	PS Index:	06	PS Revision:	02
Subject:	EMC Wandler				

1. Mechanical Outline				
Nominal equivalent round				
core:			··-·-	
200 050 20		WHETEC M-203 08 YM		
300 x 250 x 30		LITE COS		
Finished product dimensions:				
OD ≤ <b>305</b>		$\langle \vartheta \rangle = \langle \vartheta \rangle$		
ID ≥ 246,5				
H ≤ <b>37</b>				
[dimensions] = mm				
				н
		OD >		<b>&gt;</b>
		UD		
2. Core data (nominal values)	)			
Core material:	NANO	PERM® $L_{re} = 86,4 \text{ cm}$ $A_{re}$	= <b>4</b> ,67 cm <sup>2</sup>	
Permeability level :			l peak	
Permeability level :	30 000	@ frequency @ H		
	1	@ frequency @ H 10 kHz 3 m	l peak	
3. Inspection values (at room	1	© frequency @ H 10 kHz 3 m ature, unless otherwise stated)	l peak hA/cm	leff x N [mA x turn]
3. Inspection values (at room Measured value	1	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits	l peak hA/cm Frequency	leff x N [mA x turn]
3. Inspection values (at room Measured value AL [µH]	1	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5	Frequency	185
3. Inspection values (at room Measured value	1	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits	l peak hA/cm Frequency	
3. Inspection values (at room Measured value AL [µH] AL [µH]	1	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5	Frequency	185
3. Inspection values (at room Measured value AL [µH] AL [µH] 4. Core finishing	1	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5	Frequency	185
3. Inspection values (at room Measured value AL [µH] AL [µH] 4. Core finishing Type: Cased	temperc	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA	Frequency 10 kHz 100 kHz	185
3. Inspection values (at room         Measured value         AL [µH]         AL [µH]         4. Core finishing         Type:       Cased         Marking:       MAGNETEC	M-205-0	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6	Frequency 10 kHz 100 kHz	185
3. Inspection values (at room         Measured value         AL [µH]         AL [µH]         4. Core finishing         Type:       Cased         Marking:       MAGNETEC	M-205-0	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA	Frequency 10 kHz 100 kHz	185
3. Inspection values (at room         Measured value         AL [µH]         AL [µH]         4. Core finishing         Type:       Cased         Marking:       MAGNETEC	M-205-0	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6	Frequency 10 kHz 100 kHz	185
3. Inspection values (at room Measured value AL [µH] AL [µH] 4. Core finishing Type: Cased Marking: MAGNETEC Packaging: 1 pcs. per lo 5. Comments	M-205-00	@ frequency 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6 yers per carton box; PU = 2 pcs.	Frequency 10 kHz 100 kHz 0062 6.1.1	185
3. Inspection values (at room Measured value AL [µH] AL [µH] 4. Core finishing Type: Cased Marking: MAGNETEC Packaging: 1 pcs. per lo 5. Comments	M-205-00	@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6	Frequency 10 kHz 100 kHz 0062 6.1.1	185
3. Inspection values (at room Measured value AL [µH] AL [µH] 4. Core finishing Type: Cased Marking: MAGNETEC Packaging: 1 pcs. per lo 5. Comments	M-205-00	@ frequency 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6 yers per carton box; PU = 2 pcs.	Frequency 10 kHz 100 kHz 0062 6.1.1	185
3. Inspection values (at room Measured value AL [µH] AL [µH] 4. Core finishing Type: Cased Marking: MAGNETEC Packaging: 1 pcs. per lc 5. Comments Visit http://www.magnetec.	M-205-00	@ frequency 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6 yers per carton box; PU = 2 pcs.	Frequency 10 kHz 100 kHz 0062 6.1.1	185
3. Inspection values (at room         Measured value         AL [µH]         AL [µH]         4. Core finishing         Type:       Cased         Marking:       MAGNETEC         Packaging:       1 pcs. per loc         5. Comments       Visit http://www.magnetec.         Visit http://www.magnetec.       Alteration         06 / 01       First issue	M-205-00 ayer; 2 la	@ frequency 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6 yers per carton box; PU = 2 pcs.	Frequency 10 kHz 100 kHz 0062 6.1.1	185 185 0 0 0 0 0 0 0 0
3. Inspection values (at room Measured value         AL [µH]         AL [µH]         4. Core finishing         Type:       Cased         Marking:       MAGNETEC         Packaging:       1 pcs. per loc         5. Comments       Visit http://www.magnetec.         Visit http://www.magnetec.       Index / Revision         06 / 01       First issue         06 / 02       Height choor	M-205-00 ayer; 2 lan .de/filead	<pre>@ frequency @ H 10 kHz 3 m ature, unless otherwise stated) Measurement limits 14,3 - 28,5 7,2 - NA 6 YM (YM = Year/Month), acc. to IEC 6 yers per carton box; PU = 2 pcs. chmin/pdf/pb_ds.pdf for further informe n 35mm to 37mm</pre>	Frequency 10 kHz 100 kHz 100 kHz 100 kHz 100 kHz	185 185 00000000000000000000000000000000
3. Inspection values (at room Measured value         AL [µH]         AL [µH]         AL [µH]         4. Core finishing         Type:       Cased         Marking:       MAGNETEC         Packaging:       1 pcs. per loc         5. Comments       Visit         Visit       http://www.magnetec.         Index / Revision       Alteration         06 / 01       First issue         06 / 02       Height chool         Created:       J. Tótik	M-205-00 ayer; 2 la	@ frequency       @ H         10 kHz       3 m         ature, unless otherwise stated)       Measurement limits         14,3 - 28,5       7,2 - NA         6 YM (YM = Year/Month), acc. to IEC 6       yers per carton box; PU = 2 pcs.         chmin/pdf/pb_ds.pdf       for further information         n 35mm to 37mm       5z         I       F. Zámborszky       Approved       Sz	Frequency 10 kHz 100 kHz 0062 6.1.1	185 185 00000000000000000000000000000000

CONFIDENTIAL - Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein is prohibited without MAGNETEC's prior written consent. Disclosing the specification to third parties or using its content without written permission from MAGNETEC is strictly forbidden and every offender is liable to pay the corresponding damages.