

## Product specification for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-227		
Client's P/N:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Wandler				

50 x 40 x 20         Finished product dimensions: $OD \le 52,3$ $ID \ge 37,1$ $H \le 22,3$ (dimensions] = mm         Dimensions of the epoxy soated core* <b>2. Core data</b> (nominal values)         Core material:         Permeability level: <b>30.000</b> 10 kHz <b>30.001 4. [µH]</b> 12.6 - 28.4         10 kHz <b>30 4. Core finishing</b> Type: <b>Fipoxy coaled and foll bandaged</b> Marking:         Macking: <b>Macking: Macking: Fipoxy coaled and foll bandaged</b> Marking:												
core: <b>50 x 40 x 20</b> Finished product dimensions: OD $\leq$ <b>82.3</b> [dimensions] = mm Dimensions of the epoxy coated core* <b>2. Core data</b> (nominal values) Core material: <b>NANOPERM®</b> $L_{r_0} = 14,08 \text{ cm}$ $A_{r_0} = 0.73 \text{ cm}^2$ <b>e</b> frequency @ H peak <b>30.000</b> 10 kHz <b>30.000</b> 10 kHz <b>30.000</b> 10 kHz <b>3 mA/cm</b> <b>3. Inspection values</b> (at room temperature, unless otherwise stated) Measured value <b>4. Core finishing</b> Type: MARCHEC M-227-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 Packaging: <b>5. Comments</b> <b>* The foil candaging can increase the geometry even by</b> 1 mm. Visit thyp//www.magnetic.de/fileadmin/odt/ob_ds.odf for further information. <b>Index / Revision Alteration Date</b> <b>0</b> / 00 <b>1</b>	1. Mechanic	al Outline										
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AL [µH]       12,6 - 28,4       10 kHz       30         AL [µH]       6,3 - NA       100 kHz       30         4. Core finishing       Type:       6,3 - NA       100 kHz       30         4. Core finishing       Type:       Epoxy coated and foil bandaged       30         Marking:       MAGNETEC M-227-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1       Packaging:       15 pcs. per layer; 4 layers per carton box; PU = 60 pcs.         5. Comments       * The foil bandaging can increase the geometry even by 1 mm. Visit       1 mm. Visit         * The foil bandaging can increase the geometry even by 1 mm. Visit       Date       05.07.2004         01 / 00       Product Specification       05.07.2004       22.02.2013         01 / 01       LN format       20.10.2014       20.10.2014         Created:       Z. Palánki       Approved       F. Zámborszky       Approved       J. Gulyás       Released:       T. Trupp	•					Frequency	leff x	N [mA x turn]				
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4. Core finishing         Type:       Epoxy coated and foil bandaged         Marking:       MAGNETEC M-227-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1         Packaging:       15 pcs. per layer; 4 layers per carton box; PU = 60 pcs.         5. Comments       * The foil bandaging can increase the geometry even by 1 mm. Visit         * The foil bandaging can increase the geometry even by 1 mm. Visit       1 for further information.         Index / Revision       Alteration       Date         01 / 00       Product Specification       05.07.2004         01 / 01       LN format       22.02.2013         01 / 02       Clarification of product dimension , define 100kHz lower limit       20.10.2014         Created:       Z. Palánki       Approved       F. Zámborszky       Approved       J. Gulyás       Released:       T. Trupp					-							
Type:       Epoxy coated and foil bandaged         Marking:       MAGNETEC M-227-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1         Packaging:       15 pcs. per layer; 4 layers per carton box; PU = 60 pcs.         5. Comments       *         * The foil bandaging can increase the geometry even by 1 mm. Visit         http://www.magnetec.de/fileadmin/pdf/pb ds.pdf         for further information.         Index / Revision         01 / 00         01 / 01         01 / 02         Clarification of product dimension, define 100kHz lower limit         Created:       Z. Palánki         Approved       F. Zámborszky         Approved       J. Gulyás         Released:       T. Trupp	ΑΙ [μΗ]			6,3	100 KHZ							
Type:       Epoxy coated and foil bandaged         Marking:       MAGNETEC M-227-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1         Packaging:       15 pcs. per layer; 4 layers per carton box; PU = 60 pcs.         5. Comments       *         * The foil bandaging can increase the geometry even by 1 mm. Visit         http://www.magnetec.de/fileadmin/pdf/pb ds.pdf         for further information.         Index / Revision         01 / 00         01 / 01         01 / 02         Clarification of product dimension, define 100kHz lower limit         Created:       Z. Palánki         Approved       F. Zámborszky         Approved       J. Gulyás         Released:       T. Trupp	4. Core finish	ning										
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