

|                                                        |                                                           |                                                              |
|--------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------|
| FORM<br>Identifier: F 108<br>Revision: 03<br>Page: 1/1 | <b>Product specification<br/>for inductive components</b> | MAGNETEC GmbH<br>Industriestrasse 7<br>D-63505 Langenselbold |
|--------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------|



|               |               |               |       |               |       |
|---------------|---------------|---------------|-------|---------------|-------|
| Client:       | MAGNETEC GmbH | Magnetec P/N: | M-068 | Magnetec A/N: | 12060 |
| Client's P/N: | /             | PS Index:     | 02    | PS Revision:  | 01    |
| Subject:      | EMC Wandler   |               |       | Type:         | E     |

| 1. Mechanical Outline                                                                                                                                                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Nominal core dimensions:<br><b>63,0 x 50,0 x 25,0</b><br><br>Finished product dimensions:<br>OD ≤ <b>65,6</b><br>ID ≥ <b>47,0</b><br>H ≤ <b>27,5</b><br><br>[dimensions] = mm |  |

| 2. Core data    |                    |                             |                              |
|-----------------|--------------------|-----------------------------|------------------------------|
| Core material:  | NANOPERM®          | $L_{Fe} = 17,67 \text{ cm}$ | $A_{Fe} = 1,19 \text{ cm}^2$ |
| Nominal values: | Permeability level | @ frequency                 | @ $H_{max}$                  |
|                 | ~30 000            | 10 kHz                      | 3,2 mA/cm                    |

| 3. Inspection values |                |                    |           |                      |
|----------------------|----------------|--------------------|-----------|----------------------|
|                      | Measured value | Measurement limits | Frequency | leff x N [mA x turn] |
|                      | AL [μH]        | 16,0 - 34,5        | 10 kHz    | 40                   |

| 4. Core finishing |                                                          |
|-------------------|----------------------------------------------------------|
| Type:             | Epoxy coated                                             |
| Marking:          | MAGNETEC M-068-02 YM                                     |
| Packaging:        | 10 pcs. per layer; 3 layers per carton box; PU = 30 pcs. |

| 5. Comments: |                                                                                                                                                                                                     |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | <input checked="" type="checkbox"/> Date code (YM) on marking acc. to IEC 62 5.1; YM = production year and month<br><input checked="" type="checkbox"/> RoHS compliant acc. to Directive 2002/95/EC |

| Index / Revision | Alteration                        | Date       |
|------------------|-----------------------------------|------------|
| 01 / 00          | Product Specification             | 06.02.2003 |
| 02 / 01          | Improved high frequency behaviour | 23.05.2008 |

|          |            |                   |              |                     |              |           |             |
|----------|------------|-------------------|--------------|---------------------|--------------|-----------|-------------|
| Created: | A. Kovách  | Approved (Techn): | F. Záborszky | Approved (Quality): | V. Káposztas | Released: | F. Rauscher |
|          | 23.05.2008 |                   | 16.06.2008   |                     | 16.06.2008   |           | 16.06.2008  |