

<b>FORM</b> Identifier: F 1 Revision: 00 Page: 1/1	<b>Product specification</b>	<b>MAGNETEC China</b> 6/F,B. 2, ,Chebei Road Guangzhou 510660 China
---	------------------------------	---

<b>Client:</b>		<b>Magnetec P/N:</b>	<b>MB-3011</b>	<b>Magnetec A/N:</b>	
<b>Client's P/N:</b>	/	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>01</b>
<b>Subject:</b>	<b>EMC choke</b>			<b>Type:</b>	

**1. Mechanical Outline**

Nominal core dimensions:  
**49 x 31 x 15**

Finished product dimensions:  
(W x D x H)  
65 x 47 x 72  
[dimensions] = mm

Side view

The side view shows a toroidal core with a diameter of 65 max mm and a height of 72 max mm. The core is wound with a coil labeled '45A-2.5mH'. The core is mounted on a base with a width of 65 ± 2 mm and a height of 40 ± 0.5 mm. A red dimension of 4.5 ± 0.5 mm is shown from the top of the base to the bottom of the core. The front view shows a height of 35 max mm and a width of 45 ± 2 mm. The base width is 30 ± 0.5 mm.

Connection

The connection diagram shows two windings, N1 and N2, on a transformer core. Winding N1 has terminals 1 and 4, and winding N2 has terminals 2 and 3. The terminals are arranged in a 2x2 grid.

<b>FORM</b> Identifier: F 1 Revision: 00 Page: 1/1	<b>Product specification</b>	<b>MAGNETEC China</b> 6/F,B. 2, ,Chebei Road Guangzhou 510660 China
---	------------------------------	---

2. Core data	
2. Core type:	Cased core
3. Core material:	Nanocrystalline
4. Nominal values:	250 Veff, 45 A, 2 x 8 mH, Turns=11±1,copper wire diameter :2.00mm
5. Inspection values:	L1,L2 = mH at 10KHz,eff 1mA L1,L2 ≥8.0 mH at 1kHz,,0.3V L1,L2≥0.9 mH,at 200KHz,0.3V Rcu1, Rcu2 <10 mOhm at 20°C Hightension test Up eff = 2.5 kV, 5 sec
7. Marking:	"MB-3011-01"
8. Packing:	To be defined

3. Comments:	

Index / Revision	Alteration	Date
01 / 01	Product specification	08/25/11

<b>Created:</b>	Feng.xiaomao	<b>Approved (Technical):</b>	W. Senftinger	<b>Approved (Quality):</b>	Liu Jiao	<b>Released:</b>	Liu Jiao
	08/25/11		08/25/11		0825/11		08/25/11