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| FORM Identifier: F 1 Revision: 00 Page: 1/1 | Product specification | MAGNETEC China 6/F,B. 2, ,Chebei Road Guangzhou 510660 China |
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|----------------------|------------------|----------------------|----------------|----------------------|-----------|
| Client: | | Magnetec P/N: | MB-3013 | Magnetec A/N: | |
| Client's P/N: | / | PS Index: | 01 | PS Revision: | 01 |
| Subject: | EMC choke | | | Type: | |

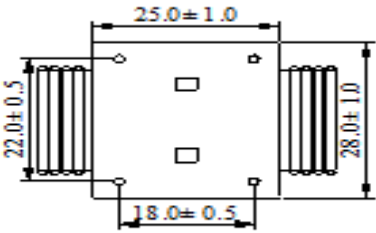
1. Mechanical Outline

Nominal core dimensions:
27 x 17 x 10

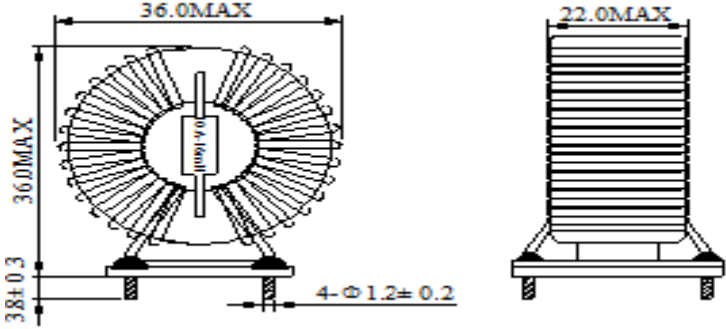
Finished product dimensions:
(W x D x H)
36 x 28 x 40

[dimensions] = mm

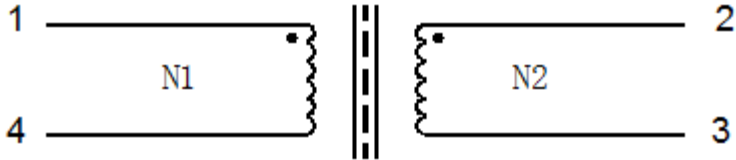
Pin view



Side view



Connection



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| 2. Core data | |
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| 2. Core type: | Cased core |
| 3. Core material: | Nanocrystalline |
| 4. Nominal values: | 250 Veff, 10 A, 2 x 10 mH, Turns=20±1 ,copper wire diameter :1.20mm |
| 5. Inspection values: | L1,L2 mH at 10kHz, Ieff 1 mA, L1,L2 ≥ 18 mH at 1KHz, 2.5V L1,L2 ≥ 3.2 mH at 100KHz,2.5V L1,L2 ≥ 1.5mH at 200KHz, 2.5V Rcu1, Rcu2 <25 mOhm at 20°C Hightension test Up eff = 2.5 kV, 2 sec |
| 7. Marking: | "MB-3013-01" |
| 8. Packing: | To be defined |

| 3. Comments: | |
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| Index / Revision | Alteration | Date |
|------------------|-----------------------|----------|
| 01 / 01 | Product specification | 08/29/11 |

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|-----------------|--------------|------------------------------|---------------|----------------------------|----------|------------------|----------|
| Created: | Feng.xiaomao | Approved (Technical): | W. Senftinger | Approved (Quality): | Liu Jiao | Released: | Liu Jiao |
| | 08/29/11 | | 08/29/11 | | 08/29/11 | | 08/29/11 |