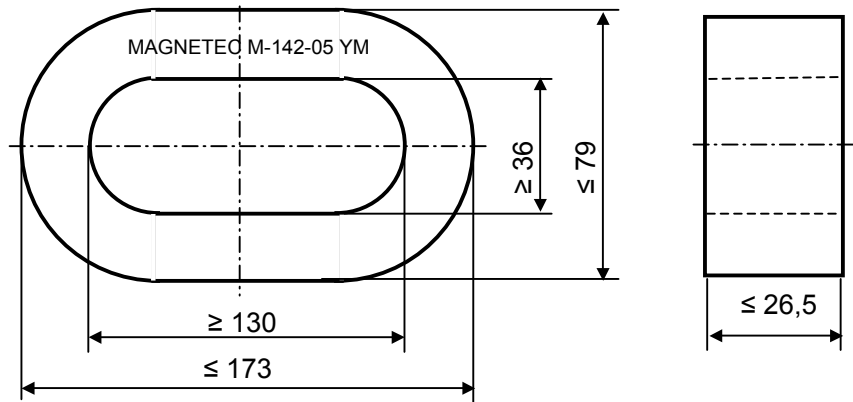


MAGNETEC a/n: 12138	<h1>Datasheet</h1>	
Version: 04		
Page 1 of 1		

Subject: EMC Wandler	Customer: MAGNETEC GmbH
MAGNETEC p/n: M-142	Index: 05
	Customer p/n: /

1. Mechanical outline:



Date code acc. to IEC 62 5.1
RoHS compliant acc. to 2002/95/EC

- 2. Core type:** Cased core
- 3. Core material:** NANOPERM ®
- 4. Core data:** $l_{Fe} = 37,04 \text{ cm}$ $A_{Fe} = 2,12 \text{ cm}^2$
- 5. Nominal permeability:** 1. $\mu \text{ ca. } 30.000 @ f = 10 \text{ kHz}$ and $H_{max} = 3,05 \text{ mA/cm}$
- 6. Inspection values:** 1. $A_L = 16,0 \mu\text{H}$ to $32,0 \mu\text{H} @ f = 10 \text{ kHz}$ $I_{eff} \times N = 80,0 \text{ mA} \times \text{turns}$
- 7. Marking:** "MAGNETEC M-142-05 YM" (YM: Production year & month)
- 8. Packaging:** 2 pcs. per poron, 5 porons per carton box (PU 10 pcs.)

Index	Version	Alteration	Date	Creator
01	preliminary	$\mu \sim 20.000, A_L = 11,7 - 23,4 \mu\text{H}$	28.08.2001	Árpád Kovách
01	00	Product specification	12.11.2001	Árpád Kovách
02	01	$\mu \sim 30.000, A_L = 17,5 - 35,1 \mu\text{H}$	09.09.2002	Árpád Kovách
03	02	$A_L = 16,5 - 33,1 \mu\text{H}$	03.09.2003	Árpád Kovách
04	03	$A_L = 16,0 - 32,0 \mu\text{H}$	18.10.2003	Árpád Kovách
05	04	Cased version, PU = 10 pcs.	05.07.2005	Balázs Tomcsányi

Created: Balázs Tomcsányi 05.07.2005	Techn. approval: Árpád Kovách 05.07.2005	QS approval: Viktor Káposztás 05.07.2005	Released: F. Rauscher 19.07.2005
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