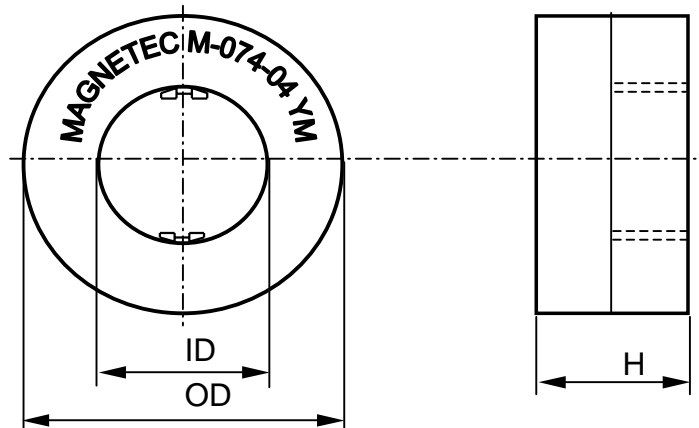


MAGNETEC a/n: 12053	<h1>Datasheet</h1>	MAGNETEC GmbH
Version: 01		Industriestrasse 7
Page 1 of 1		D-63505 Langenselbold

Subject: EMV Wandler	Customer: MAGNETEC GmbH
MAGNETEC p/n: M-074	Customer p/n: /
Index: 04	

1. Mechanical outline:



Nominal dimensions of the core:
25 x 16 x 10 mm

Physical dimensions of the product:

OD ≤ 28,0 mm
ID ≥ 13,2 mm
H ≤ 12,4 mm

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:** $l_{Fe} = 6,34 \text{ cm}$ $A_{Fe} = 0,36 \text{ cm}^2$
- 5. Nominal permeability:** 1. $\mu \text{ ca. } 90\,000 @ f = 10 \text{ kHz}$ and $H_{\text{max}} = 2,23 \text{ mA/cm}$
 $A_L \sim 67 \mu\text{H} @ f = 10 \text{ kHz}$ and $H_{\text{max}} = 2,23 \text{ mA/cm}$
Ambient temperature: 0°C - 120°C
- 6. Inspection values:** 1. $A_L \geq 40,0 \mu\text{H}$ @ $f = 10 \text{ kHz}$ $I_{\text{eff}} \times N = 10,0 \text{ mA} \times \text{turns}$
- 7. Marking:** "MAGNETEC M-074-04 YM" (YM: Production year & month)
- 8. Packaging:** 63 pcs. per tray, 6 trays per carton box (PU 378 pcs.)

Index	Version	Alteration	Date	Creator
01	00	30 $\mu\text{H} \leq A_L \leq 63 \mu\text{H} @ 10\text{kHz}$	25.10.2000	Schneider
02	01	40 $\mu\text{H} \leq A_L @ 10 \text{ kHz}$	25.07.2001	Árpád Kovách
02	02	20 $\mu\text{H} \leq A_L @ 50 \text{ kHz}$	07.09.2001	Árpád Kovách
02	03	new packaging (6 tray/ carton box)	28.11.2002	Árpád Kovách
02	04	ambient temperature 0-120 °C	13.01.2003	Árpád Kovách
03	05	glued case lid	07.01.2004	Árpád Kovách
04	06	new case, new packaging (PU 378 pcs)	23.06.2004	Árpád Kovách
04	07	new datasheet format	27.04.2005	Árpád Kovách

Created: Árpád Kovách 27.04.2005	Techn. approval: József Nyéki 27.04.2005	QS approval: Viktor Káposztás 27.04.2005	Released: Fritz Rauscher 04.05.2005
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