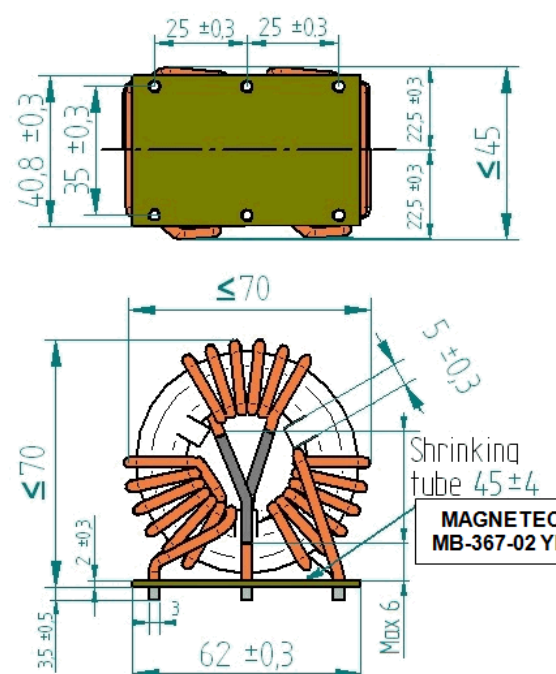
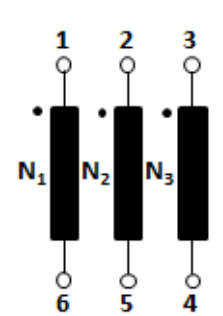


FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-367	Magnetec A/N:	12534
Client's p/n:		PS Index:	02	PS Revision:	06
Subject:	EMC Component			Type:	E

1.1 Mechanical outline	Wiring diagram
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2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	≤ 1,8 mOhms
Nominal voltage:	440 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	3 x 1,2 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	3 x 40* A	Storage temperature:.	-40 ... +85 °C
Leakage inductances:	~ 0,7 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 7	Wire diameter:	3,0 mm
Comments:	*Forced cooling assumed		

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2; L3 [mH]	0,7 - 1,7	f = 10 kHz
	Wire resistance Rcu 1; Rcu2; Rcu3 [mOhms]	NA - 1,8	RT = 25 °C
	HV strength between N 1; N2; N3 / liso < 1mA	OK - NOK	Up,eff = 2,5 kV
		-	Ueff = 100 mV
		-	AC
			IDC = 10 A
			t = 2 s

4. Others	
Marking:	MAGNETEC MB-367-02 YM (date of fabrication year / month)
Packaging:	6 pcs. per layer, 3 layers per carton box ; PU = 18 pcs.
Comments:	Max. allowed choke surface temperature : +120°C

Index / Rev.	Alteration	Date
02 / 01	Production specification	01.12.2010
02 / 02	Wire resistance ≤ 1,8 mOhm	08.03.2011
02 / 03	Choke width ≤ 45 mm	21.09.2011
02 / 04	Shrinking tube position	12.10.2011
02 / 05	Shrinking tube position modified	06.12.2013
02 / 06	Comment added about maximal temperature	13.02.2014

Created:	Z. Palánki	Approved (Techn):	F. Záborszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	13.02.2014		17.02.2014		17.02.2014		17.02.2014