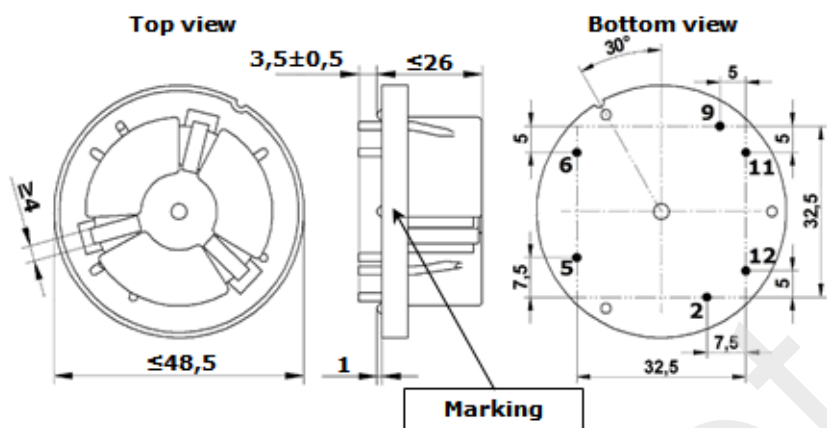
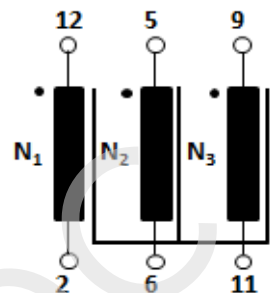


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Client:	MAGNETEC	Magnetec P/N:	MB-637		
Client's p/n:	/	PS Index:	01	PS Revision:	02
Subject:	EMC Component				

1. Mechanical outline		Wiring diagram	
			
Pin position tolerance: ±0,3mm Position of cable tie terminal clip is on the lower side of the cores outer perimeter.			
2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV
Nominal voltage:	440 Veff AC	Ambient temperature:	-40 ... +70 °C
Nominal inductance:	3 x 4,4 mH	Max. operating temperature:	°C
Nominal current:	14 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 12 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 9	Wire diameter:	1,4 mm
Comments:			
3. Inspection values (at room temperature, unless otherwise stated)			
Measured value		Measuring limits	Measuring configurations
Inductivity L1; L2; L3 [mH]		2,8 - 6,3	f=10 kHz Ieff=1,8 mA
Inductivity L1; L2; L3 [mH]		0,92 - NA	f=100 kHz Ieff=1,8 mA
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]		0 - 5,5	T = 23±3 °C
HV strength between N1; N2; N3 / Iiso<1mA		OK - NOK	Up,eff = 2,5 kV t=2 s
		-	
4. Others			
Marking:	MAGNETEC MB-637-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1		
Packaging:	15 pcs. per layer, 3 layers per carton box; PU = 45 pcs.		
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.		

Index / Rev.	Alteration	Date
01 / 01	First issue	22.04.2015
01 / 02	Nominal current and maximum operating temperature modified	30.09.2015

Created:	Z. Palánki	Approved (Techn):	F. Zámboreszky	Approved (Quality):	J. Gulyás	Released:	T. Trupp
	30.09.2015		05.11.2015		05.11.2015		05.11.2015

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