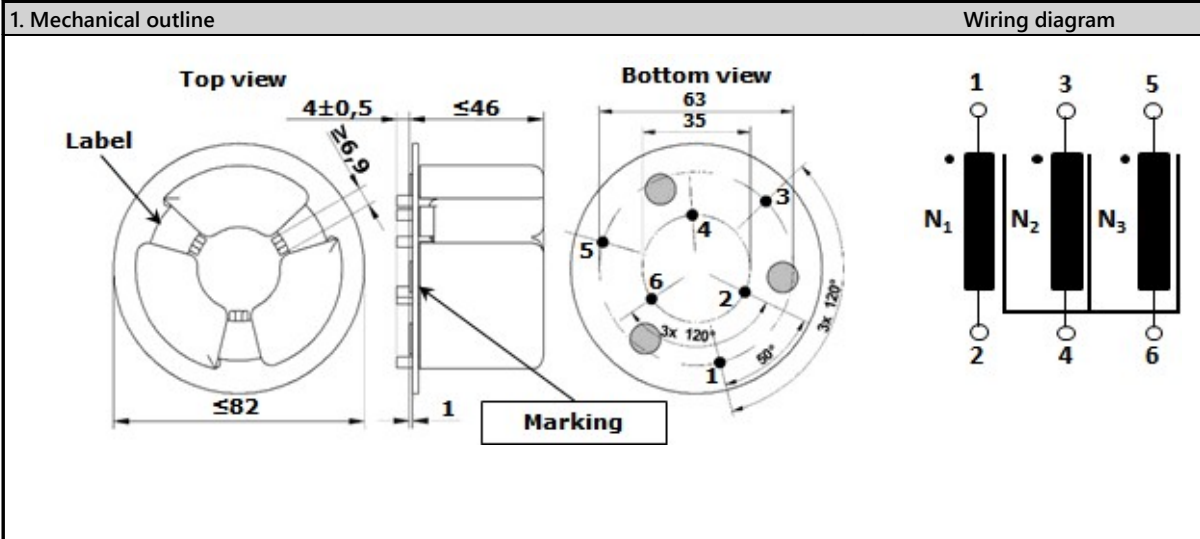




Product specification for Inductive Components

Form: MF04.07 (F190)
Revision: 01

Client:	SIEMENS	Magnetec P/N:	MB-567	Magnetec A/N:	12760
Client's p/n:	A5E36634369	PS Index:	01	PS Revision:	04
Subject:	EMC Component				



2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,8 kV
Nominal voltage:	530/310 Veff AC	Ambient temperature:	-40 ... +60 °C
Nominal inductance:	3 x 1,2 mH	Max. operating temperature:	°C
Nominal current:	3 x 42 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	5,7 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 7	Wire diameter:	3,35 mm
Comments:			

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value	Measuring limits	Measuring configurations	
Inductivity L1; L2; L3 [mH]	0,79 - 1,64	f = 10 kHz	Ueff = 100 mV
Inductivity L1; L2; L3 [mH]	0,47 - NA	f = 100 kHz	Ueff = 100 mV
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	0 - 1,6	T = 23 °C	
HV strength between N1; N2; N3 / Iiso < 1mA	OK - NOK	Up,eff = 2,8 kV	t = 2 s
	-		

4. Others	
Marking:	MAGNETEC MB-567-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	4 pcs. per layer, 2 layers per carton box; PU = 8 pcs.
Comments:	<p>Max. allowed choke surface temperature : +120°C Label: data matrix acc. to ECC 200 Content: 1PMB-567-01+PA5E36634369+2P01+20PMAGNETEC Module size: min. 0,4 mm Position: on the outer cloak of the core, between two windings Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.</p>

Index / Rev.	Alteration	Date
01 / 01	First issue	20.10.2015
01 / 02	Allowed surface temperature given	20.01.2016

01 / 03	Customized product, data matrix label added	17.05.2016
01 / 04	Change to paper based packaging	06.10.2016

Created:	Z. Palánki	Approved (Techn):	F. Zámbořszky	Approved (Quality):	L. Ferencz	Released:	T. Trupp
	06.10.2016		10.10.2016		10.10.2016		10.10.2016

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