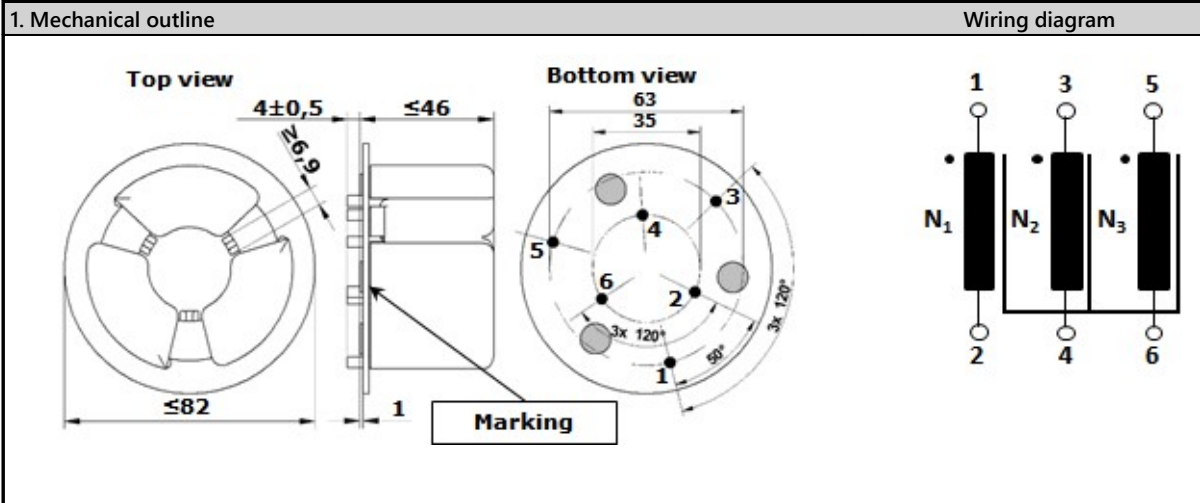




## Product specification for Inductive Components

Form: MF04.07 (F190)  
Revision: 01

Client:	MAGNETEC	Magnetec P/N:	MB-1567	Magnetec A/N:	12790
Client's p/n:		PS Index:	01	PS Revision:	01
Subject:	EMC Component				



2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	$U_{p,eff} = 2,8 \text{ kV}$
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	$U_{eff} = 100 \text{ mV}$
Inductivity L1; L2; L3 [mH]	0,47 - NA	f = 100 kHz	$U_{eff} = 100 \text{ mV}$
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	0 - 1,6	T = 23 °C	
HV strength between N1; N2; N3 / liso < 1mA	OK - NOK	$U_{p,eff} = 2,8 \text{ kV}$	t = 2 s
	-		

4. Others	
Marking:	MAGNETEC MB-1567-01 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:	Visit <a href="http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf">http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf</a> for further information.

Index / Rev.	Alteration	Date
01 / 01	First issue	09.05.2016

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	09.05.2016		23.05.2016		23.05.2016		23.05.2016

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