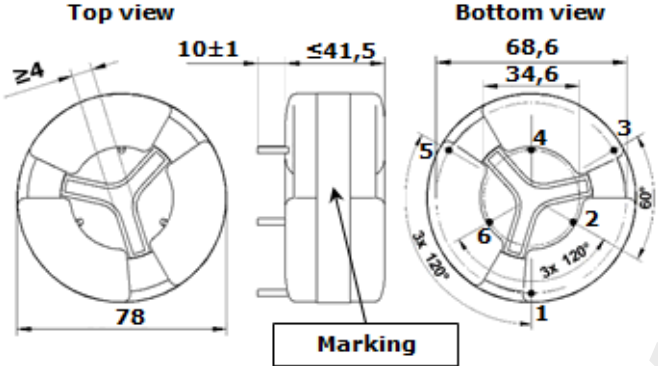
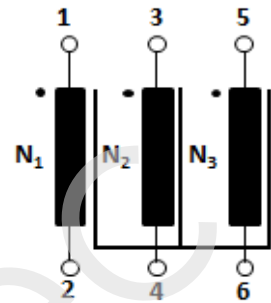


# Product specification for Inductive Components

Form:  
Revision: MF04.07 (F190)  
02

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Client:	MAGNETEC	Magnetec P/N:	MB-668		
Client's p/n:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Component				

1. Mechanical outline		Wiring diagram					
							
2. Nominal values							
Core material:	NANOPERM®	High voltage strength:	Up,eff = 2,5 kV				
Nominal voltage:	460 Veff AC	Ambient temperature:	-40 ... +70 °C				
Nominal inductance:	3 x 6 mH	Max. operating temperature:	°C				
Nominal current:	26 A	Storage temperature:	-40 ... +85 °C				
Leakage inductances:	ca. 27 µH	Design standard:	EN 60938-1				
No. of turns:	N1 = N2 = N3 = 15	Wire diameter:	2,36 mm				
Comments:							
3. Inspection values (at room temperature, unless otherwise stated)							
Measured value		Measuring limits	Measuring configurations				
Inductivity L1; L2; L3 [mH]		3,70 - 8,25	f = 10 kHz Ueff = 0,1 V				
Inductivity L1; L2; L3 [mH]		2,46 - NA	f = 100 kHz Ueff = 0,1 V				
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]		0 - 6	T = 23±3°C				
HV strength between N1; N2; N3 / Iiso<1mA		OK - NOK	Ueff = 2,5 kV t = 2 s				
		-					
4. Others							
Marking:	MAGNETEC MB-668-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1						
Packaging:	6 pcs. per layer, 3 layers per carton box; PU = 18 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.						
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