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Client:	Magnetec	Magnetec P/N:	MB-426		
Client's p/n:	/	PS Index:	04	PS Revision:	04
Subject:	EMC Component				

1. Mechanical outline

Wiring diagram

Pin position tolerance:  $\pm 0,3\text{mm}$   
Distance between the coils  $\geq 5,5\text{mm}$   
Distance from the wire over the border of the baseplate of the choke to the PCB  $\geq 5,5\text{mm}$

2. Nominal values			
Core material:	NANOPERM®	High voltage strength:	Up,eff = 4 kV
Nominal voltage:	580 Veff AC	Ambient temperature:	-40... +70 °C
Nominal inductance:	3 x 161 µH @ 100kHz	Max. operating temperature:	°C
Nominal current:	64* A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 4.5 µH @ 100kHz	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 5	Wire diameter:	2x 2,5 mm
Comments:	* forced cooling		

3. Inspection values (at room temperature, unless otherwise stated)			
Measured value		Measuring limits	Measuring configurations
Inductivity L1; L2; L3 [µH]		128 - 202	f = 100 kHz
HV strength between N1; N2; N3 / Iiso<1mA		OK - NOK	Up,eff = 4 kV
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]		0 - 0,95	RT = 25 °C
		-	
		-	

4. Others	
Marking:	MAGNETEC MB-426-04 YM (YM = Year/Month), acc. to IEC 60062 6.1.1
Packaging:	2 pcs. per layer, 4 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
03 / 01	Product Specification	07.05.2014
03 / 02	Pin length change	09.03.2015
03 / 03	Change to paper based packaging	21.10.2015
04 / 04	Customer change	24.08.2017

Created:	Z. Palánki	Approved (Techn):	F. Zámboreszky	Approved (Quality):	G. Zsák	Released:	T. Trupp
	24.08.2017		29.09.2017		29.09.2017		09.10.2017

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