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Client:	MAGNETEC	Magnetec P/N:	MB-691		
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:	440 Veff AC	Ambient temperature:	-40 ... +70 °C
Nominal inductance:	3 x 3 mH	Max. operating temperature:	°C
Nominal current:	35 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	ca. 3,7 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 6	Wire diameter:	2,5 mm
Comments:			
3. Inspection values (at room temperature, unless otherwise stated)			
Measured value		Measuring limits	Measuring configurations
Inductivity L1; L2; L3 [mH]		2,16 - 4,82	f = 10 kHz Ueff = 0,1 V
Inductivity L1; L2; L3 [mH]		0,68 - NA	f = 100 kHz Ueff = 0,1 V
Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]		0 - 1,6	T = 23±3°C
HV strength between N1; N2; N3 / Iiso<1mA		OK - NOK	Ueff = 2,5 kV t = 2 s
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4. Others			
Marking:	MAGNETEC MB-691-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1		
Packaging:	12 pcs. per layer, 2 layers per carton box; PU = 24 pcs.		
Comments:	Visit http://www.magnetec.de/fileadmin/pdf/pb_ds.pdf for further information.		

Index / Rev.	Alteration	Date
01 / 01	First issue	01.07.2016

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