

FORM Identifier: F 190 Revision: 02 Page: 1/1	Product specification for Inductive Components	MAGNETEC GmbH Industriestrasse 7 D-63505 Langenselbold
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Client:	MAGNETEC	Magnetec P/N:	MB-058	Magnetec A/N:	80340
Client's p/n:	-	PS Index:	03S	PS Revision:	00
Subject:	EMC Component			Type:	E

1.1 Mechanical outline	Wiring diagram
PRELIMINARY	

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	≤ 0,5 mOhms
Nominal voltage:	440 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	3 x 2,0 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	160 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	~ 10 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = N3 = 9	Wire diameter:	15 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L1; L2; L3 [mH]	1,4 - 3,0	f = 10 kHz Ieff = 1 mA
	Wire resistance Rcu1; Rcu2; Rcu3 [mOhms]	NA - 0,5	RT = 25 °C
	HV strength between N1; N2; N3 / Iiso < 1mA	OK - NOK	Up,eff = 2,5 kV t = 2 s
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4. Others	
Marking:	MAGNETEC MB-058-03 SAMPLE YM (YM = Year/Month), acc. to IEC 62 5.1
Packaging:	1 pcs. per layer, 2 layers per carton box; PU = 2 pcs.
Comments:	

Index / Rev.	Alteration	Date
03S / 00	Sample Specification	21.07.2001

Created:	Á. Kovách	Approved (Techn):		Approved (Quality):		Released:	
	21.07.2001						