

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-639	Magnetec A/N:	12825
Client's p/n:	/	PS Index:	01	PS Revision:	01
Subject:	EMC Component			Type:	

1.1 Mechanical outline	Wiring diagram

2. Nominal values			
Core material:	NANOPERM®	Wire Resistance:	≤ 20 mOhms
Nominal voltage:	250 Veff AC	High voltage strength:	Up,eff = 2,5 kV
Nominal inductance:	2 x 30 mH	Operating temperature:	-40 ... +60 °C
Nominal current:	8,5 A	Storage temperature:	-40 ... +85 °C
Leakage inductances:	~30 µH	Design standard:	EN 60938-1
No. of turns:	N1 = N2 = 22	Wire diameter:	1,12 mm
Comments:			

3. Inspection values			
	Measured value	Measuring limits	Measuring configurations
	Inductivity L 1; L2 [mH]	25 - 44	f = 10 kHz Ueff = 0,1 V
	Inductivity L 1; L2 [mH]	6,5 - 11,6	f = 100 kHz Ueff = 0,1 V
	Wire resistance Rcu 1; Rcu2 [mOhms]	0 - 20	T = 23±3 °C
	HV strength between N 1; N2	OK - NOK	Ueff = 2,5 kV t = 2 s
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4. Others	
	Marking: MAGNETEC MB-639-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1 Packaging: 21 pcs. per layer, 4 layers per carton box ; PU = 84 pcs. Comments:

Index / Rev.	Alteration	Date
01 / 01	First issue	24.01.2017

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