

Comments:

## Product specification for Inductive Components

Form: Revision: MF04.07 (F190)

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Client:	MAGNETEC	Magnetec P/N:	MB-009		
Client's p/n:	/	PS Index:	03	PS Revision:	04
Subject:	EMC Component				

1. Mechanical outline				Wiring diagram		
3,5 <sup>+0</sup> / <sub>0,5</sub> <35,5	4 3 2 1 ∇ 25 4 25 4 25 4 ≥3 ≤34	≤19 Marking		N <sub>1</sub>	3 2 1 N <sub>2</sub>	
ຕັ Pin position tole	rance: ±0,3mm	Marking				
Pin position tole	rance: ±0,3mm	Marking				
Pin position tole  2. Nominal values	rance: ±0,3mm  NANOPERM®	High voltage s	trength:	Up,eff	= 2,5 kV	
Pin position tole  2. Nominal values  Core material:				-40	= 2,5 kV +60 °C	
Pin position tole  2. Nominal values  Core material:  Nominal voltage:	NANOPERM® 250 Veff AC	High voltages	erature:	_		
Pin position tole  2. Nominal values  Core material:  Nominal voltage:  Nominal inductance	NANOPERM® 250 Veff AC	High voltage s Ambient temp Max. operatin	erature: g	-40 °C		
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage	NANOPERM® 250 Veff AC 2 x 18 mH	High voltage s Ambient temp Max. operatin temperature:	erature: g erature:	-40 °C	+60 °C +85 °C	
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage nductances:	NANOPERM® 250 Veff AC 2 x 18 mH 8 A	High voltages Ambient temp Max. operatin temperature: Storage temp	erature: g erature: rd:	-40 °C	+60 °C +85 °C 938-1	
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage nductances:	NANOPERM® 250 Veff AC 2 x 18 mH 8 A ca. 13 µH	High voltage s Ambient temp Max. operatin temperature: Storage temp Design standa	erature: g erature: rd:	-40 °C -40 EN 60	+60 °C +85 °C 938-1	
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage nductances: No. of turns: Comments:	NANOPERM® 250 Veff AC 2 x 18 mH 8 A ca. 13 μH N1 = N2 = 17	High voltage s Ambient temp Max. operatin temperature: Storage temp Design standa Wire diameter	erature: g erature: rd:	-40 °C -40 EN 60	+60 °C +85 °C 938-1	
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage nductances: No. of turns: Comments:  3. Inspection values	NANOPERM® 250 Veff AC 2 x 18 mH 8 A ca. 13 µH	High voltage s Ambient temp Max. operatin temperature: Storage temp Design standa Wire diameter	perature: g erature: rd:	-40 °C -40 EN 60 2x 0,8	+60 °C +85 °C 938-1	
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage nductances: No. of turns: Comments:  3. Inspection values	NANOPERM® 250 Veff AC  2 x 18 mH  8 A  ca. 13 µH  N1 = N2 = 17  (at room temperature, unless otherwisessured value	High voltage s Ambient temp Max. operatin temperature: Storage temp Design standa Wire diameter  se stated) Measuring limits	perature: g erature: rd:	-40 °C -40 EN 60 2x 0,8	+60 °C +85 °C 938-1	
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage inductances: No. of turns: Comments:  3. Inspection values  Med Inductivity L1; L2 [mH]	NANOPERM® 250 Veff AC  2 x 18 mH  8 A  ca. 13 µH  N1 = N2 = 17  (at room temperature, unless otherwisessured value)	High voltage s Ambient temp Max. operatin temperature: Storage temp Design standa Wire diameter  Measuring limits  11,0 - 28,0	perature: g erature: rd: :	-40 °C -40 EN 60 2x 0,8	+60 °C  +85 °C  938-1  mm  onfigurations	
Pin position tole  2. Nominal values  Core material: Nominal voltage: Nominal inductance  Nominal current: Leakage inductances: No. of turns: Comments:  3. Inspection values  Med Inductivity L1; L2 [mH] Wire resistance Rcu1;	NANOPERM® 250 Veff AC  2 x 18 mH  8 A  ca. 13 µH  N1 = N2 = 17  (at room temperature, unless otherwisessured value)	High voltage s Ambient temp Max. operatin temperature: Storage temp Design standa Wire diameter  se stated) Measuring limits	perature: generature: rd: :  Mea	-40 °C  -40 EN 60  2x 0,8	+60 °C  +85 °C  938-1  mm  onfigurations	

	ween N1 and N2 / liso<1mA	OK - NOK - -	Up,eff = 2,5 kV	t = 2 s
<b>4. Others</b> Marking:	MAGNETEC MB-009-03 YM (YM =	: Year/Month), acc. to	DIEC 62 5.1	
Packaging: 30 pcs. per layer, 4 layers per carton box; PU = 120 pcs.				

Index / Rev.	Alteration	Date
02 / 01	Product Specification	21.01.2002
03 / 02	Separator: MT-019.03, tin and flux change	18.10.2004
03 / 03	LN format	08.03.2013
03 / 04	Drawing changed	21.01.2014

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