

## Product specification for inductive components

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Client:	MAGNETEC	Magnetec P/N:	M-4160		
Client's P/N:		PS Index:	04	PS Revision:	02
Subject:	EMC Wandler				

1. Mechanical Outline						
Nominal equivalent rou	nd					
core:						_
75 x 50 x 30				Г		]
Finished product dimen	sions:					
OD ≤ <b>82.0</b>						1
ID ≥ <b>43.0</b>	1		$\setminus$			1
H ≤ <b>36.0</b>			·			-
[dimensions] = mm					Н	
<b>2. Core data</b> (nominal v Core material:	alues)		2.63 cm	$A_{\rm Fe} = 3.18 \ \rm cm^2$		1
<b>-</b>						
Permeability level:	90000	@ freq 10 kHz		@ H peak		
	70000					
3. Inspection values (at	room temperc	ature, unless otherwi	ise stated)			
	Measured value Measurement limits Frequency					11 - ff (1 - 1)/1
	ue	Medsolel				Ueff [mV]
	ue		- 245.0	10 k		300
Measured va AL [µH]						
Measured va AL [µH] 4. Core finishing						
Measured va AL [µH] 4. Core finishing Type: Casec		123.0 -	- 245.0	10 k	Hz	
Measured va AL [µH] 4. Core finishing Type: Casec Marking: MAGN	ETEC M-4160-0		- 245.0 Aonth), acc. to	0 IEC 60062:2004	Hz	
Measured va AL [µH] 4. Core finishing Type: Casec Marking: MAGN Packaging: 8 pcs.	ETEC M-4160-0	123.0 -	- 245.0 Aonth), acc. to	0 IEC 60062:2004	Hz	
Measured va AL [µH] 4. Core finishing Type: Casec Marking: MAGN Packaging: 8 pcs. 5. Comments	ETEC M-4160-( per layer; 4 lay	123.0 - 04 YM (YM = Year/M yers per carton box)	- 245.0 Month), acc. tr ; PU = 32 pc	0 IEC 60062:2004	Hz	
Measured va AL [µH] 4. Core finishing Type: Casec Marking: MAGN Packaging: 8 pcs. 5. Comments Visit http://www.magr	ETEC M-4160-0 per layer; 4 lay etec.de/fileac	123.0 - 04 YM (YM = Year/M yers per carton box)	- 245.0 Month), acc. tr ; PU = 32 pc	0 IEC 60062:2004	Hz	300
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Measured va   AL [µH]   4. Core finishing Cased   Type: Cased   Marking: MAGN   Packaging: 8 pcs.   5. Comments Visit   Visit http://www.magn   Index / Revision Alteration   01/01 Created   03/01 Revise   04/01 Revise   04/02 Revise   Created: George Yua	ETEC M-4160-0 per layer; 4 lay etec.de/fileac tion ed ged case dime AL ranges at AL ranges at AL ranges at AL ranges at	123.0 - 04 YM (YM = Year/M yers per carton box dmin/pdf/pb_ds.pd ension range 10kHz 10kHz 10kHz 10kHz 10kHz	Aonth), acc. the second	o IEC 60062:2006 s.	Hz	300 Date 2015/7/25 2016/1/11 2016/6/24 2020/5/28 2022/9/16 George
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