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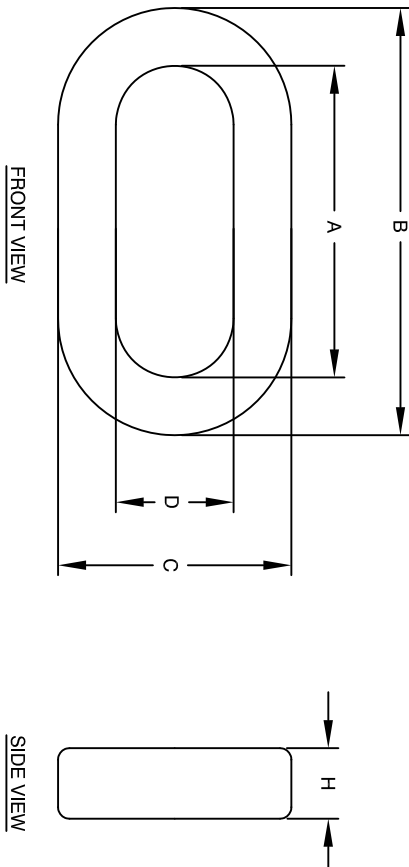
REVISION HISTORY						
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		INITIAL RELEASE	JL	02/21/17	JM	02/21/17

Features

- High Permeability (30-80k), high Impedance Z and high Insertion attenuation
- Suppresses the asymmetrical EMI currents
- High saturation Flux density can reduce over voltage peaks
- High Curie Temperature and excellent temperature characteristics
- Core Type: Nanocrystalline, NanoByte™

Electrical Specifications				
Item	Units	Condition	Value	Tol.
A_L	$\mu\text{H}/\text{N}^2$	@ 10KHz	15.8 - 31.5	N/A
A_L	$\mu\text{H}/\text{N}^2$	@ 100KHz	7.9	N/A
Permeability @ H peak 3.14 mA/cm	μ_0	@ 10KHz	30000	±25%
A_e	cm^2	N/A	5.20	±10%
L_e	cm	N/A	87.10	±10%
$L_e \times N$	mA x turn	@ 10KHz	185	±10%
$L_e \times N$	mA x turn	@ 100KHz	185	±10%
Saturation Flux Density	T	N/A	1.2	Max.
Curie Temperature	°C	N/A	580	Nom.

Dimensions and Tolerances				
	in	tol.	mm	tol.
Core Only				
B (Outer Diameter)	11.81	±0.40	300	±1
A (Inner Diameter)	9.84	±0.40	250	±1
H (Height)	1.18	±0.40	30	±1
With Case On				
B (Outer Diameter 1)	15.43	±0.40	392.0	±1
C (Outer Diameter 2)	6.30	±0.40	160.0	±1
A (Inner Diameter 1)	12.83	±0.40	326.0	±1
D (Inner Diameter 2)	3.70	±0.40	94.0	±1
H (Height)	1.46	±0.40	37.0	±1



CODE	MFG. P/N	DESCRIPTION	ITEM NO.
IDENT			

AUTOCAD		SOLIDWORKS	
DATE	DATE	DATE	DATE
02/21/17	02/21/17	02/21/17	02/21/17

ENGR.	CHKD	APP.	SCALE	SIZE	DATE	REV
JM	JM	JM	N/A	1/4"	02/21/17	A

PARTS LIST	
DESCRIPTION	QTY
Nanocrystalline Core	1

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	
TOLERANCE RANGES: .XX±.005 .XX±.015 .XX±.025 .XX±.038	
TOLERANCE METRICS: .XX±.127 .XX±.38	
ANGLE PROJECTION:	
DO NOT SCALE DRAWING	