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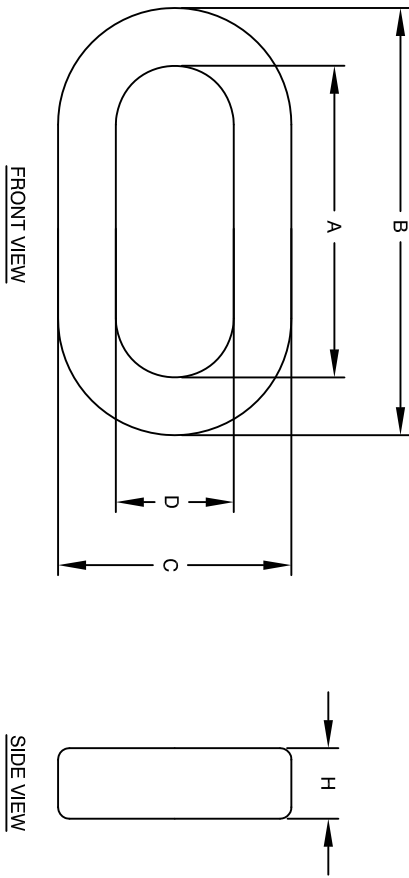
REVISION HISTORY						
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		INITIAL RELEASE	JL	02/21/17	JM	02/21/17

**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	14.5 - 29.9	N/A
$A_L$	$\mu\text{H}/\text{N}^2$	@ 100KHz	7.2	N/A
Permeability @ H peak 3.00 mA/cm	$\mu_0$	@ 10KHz	30000	±25%
$A_e$	$\text{cm}^2$	N/A	3.94	±10%
$L_e$	cm	N/A	69.60	±10%
$L_e \times N$	$\text{mA} \times \text{turn}$	@ 10KHz	150	±10%
$L_e \times N$	$\text{mA} \times \text{turn}$	@ 100KHz	150	±10%
Saturation Flux Density	T	N/A	1.2	Max.
Curie Temperature	°C	N/A	580	Nom.

Dimensions and Tolerances				
	in	tol.	mm	tol.
<b>Core Only</b>				
B (Outer Diameter)	9.31	±0.40	236.5	±1
A (Inner Diameter)	7.91	±0.40	201	±1
H (Height)	1.18	±0.40	30	±1
<b>With Case On</b>				
B (Outer Diameter 1)	12.00	±0.40	305.0	±1
C (Outer Diameter 2)	5.79	±0.40	147.0	±1
A (Inner Diameter 1)	9.80	±0.40	249.0	±1
D (Inner Diameter 2)	3.74	±0.40	95.0	±1
H (Height)	1.34	±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	APPR.
JM	JM	JM

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)
TOLERANCE ROUNDS: $\phi$ = ±0.30°
XXX±.005 XX±.015
TOLERANCE METRICS: XXX±.127 XX±.38
ANGLE PROJECTION:
DO NOT SCALE DRAWING

PARTS LIST	
DESCRIPTION	QUANTITY
Nanocrystalline Core	1

SIZE	DATE	NO.	REV
N/A	02/21/17	CN236.5-201-30H	A