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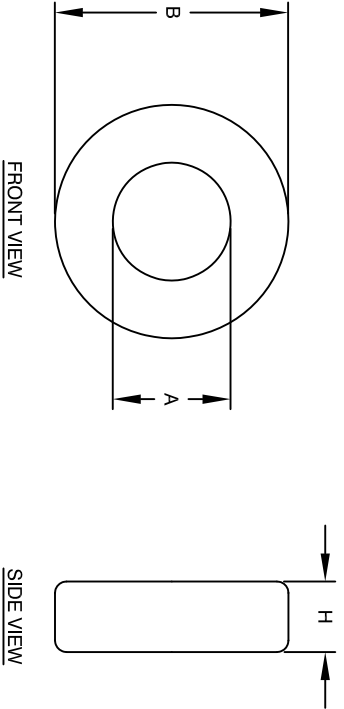
REVISION HISTORY						
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		INITIAL RELEASE	JL	02/21/17	JM	02/21/17

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 chracteristics
- Core Type: Nanocrystalline, NanoByte™

Electrical Specifications				
Item	Units	Condition	Value	Tol.
A_i	$\mu\text{H}/\text{N}^2$	@ 10KHz	24.1 - 48.2	N/A
A_i	$\mu\text{H}/\text{N}^2$	@ 100KHz	12	N/A
Permeability @ H peak 3.16 mA/cm	μ_0	@ 10KHz	30000	±25%
A_e	cm^2	N/A	1.86	±10%
L_e	cm	N/A	22.36	±10%
$L_e \times N$	mA x turn	@ 10KHz	50	±10%
$L_e \times N$	mA x turn	@ 100KHz	50	±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)	3.15	±0.40	80	±1
A (Inner Diameter)	2.48	±0.40	63	±1
H (Height)	1.18	±0.40	30	±1
With Case On				
B (Outer Diameter)	3.35	±0.40	85	±1
A (Inner Diameter)	2.24	±0.40	57	±1
H (Height)	1.40	±0.40	35.5	±1



CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD SOLIDWORKS SIGN	X	DATE	DATE
DRWN JL	02/21/17		
CHKD JM	02/21/17		
ENGR. JM	02/21/17		
APPR. JM	02/21/17		
TITLE		SIZE (INCH. NO.)	
Nanocrystalline Core		CN80-63-30G	
SCALE		SHEET 1 OF 1	
N/A			

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

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