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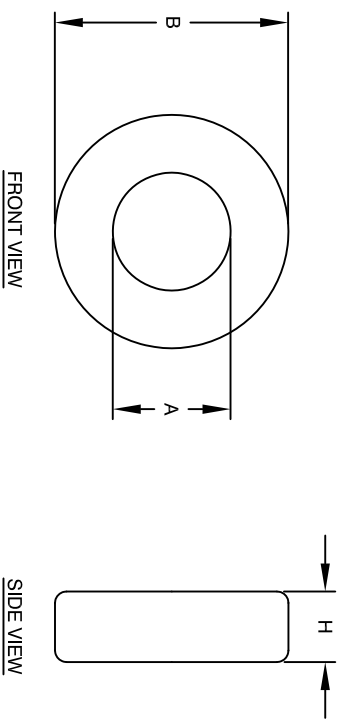
REVISION HISTORY						
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		INITIAL RELEASE	JL	02/21/17	JM	02/21/17

Features

- High Permeability (90k), 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	40 - 80	N/A
A_L	$\mu\text{H}/\text{N}^2$	@ 100KHz	10	N/A
Permeability @ H peak 3.65 mA/cm	μ_0	@ 10KHz	90000	±25%
A_e	cm^2	N/A	0.38	±10%
L_e	cm	N/A	7.75	±10%
$L_e \times N$	mA x turn	@ 10KHz	20	±10%
$L_e \times N$	mA x turn	@ 100KHz	20	±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)	1.17	±0.40	30	±1
A (Inner Diameter)	0.79	±0.40	20	±1
H (Height)	0.39	±0.40	10	±1
With Case On				
B (Outer Diameter)	1.30	±0.40	32.9	±1
A (Inner Diameter)	0.70	±0.40	17.7	±1
H (Height)	0.50	±0.40	12.6	±1



CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD	X	www.coi/wcs.com	CWSBYTEMARK
SOLIDWORKS		www.cwsbytemark.com	353 W Grove Ave Orange, CA 92665
DRWN	JL	02/21/17	
CHKD	JM	02/21/17	
ENGR.	JM	02/21/17	
APPR.	JM	02/21/17	
TITLE		Nanocrystalline Core	
SIZE (INCH. NO.)		CN30-20-10G	
SCALE		N/A	
TOLERANCE METRICS:		X.XX=±.005 X.X=±.015	
TOLERANCE METRICS:		X.XX=±.127 X.X=±.38	
ANGLE PROJECTION			
DO NOT SCALE DRAWING			