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

Features

High Permeability (30-80k), high impendance Z and high insertion attenuation

Suppresses the asymmetrical EMI currents

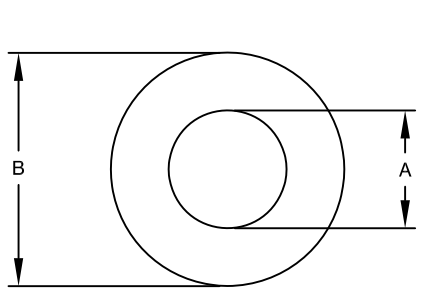
High saturation Flux density can reduce over voltage peaks

High Curie Temperature and excellent temperature chracteristices

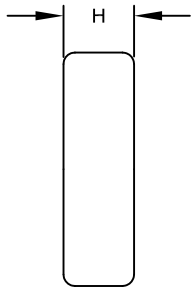
Core Type: Nanocrystalline. NanoByte™

Electrical Specifications				
Item	Units	Condition	Value	Tol.
A_L	uH/N^2	@ 10kHz	20.9 - 45.0	N/A
A_L	uH/N^2	@ 100kHz	10.5	N/A
Permeability @ H peak 3.12 mA/cm	μ_0	@ 10kHz	30000	±25%
A_e	cm^2	N/A	3.24	±10%
L_e	cm	N/A	45.39	±10%
L_e x N	mA x turn	@ 10kHz	100	±10%
L_e x N	mA x turn	@ 100kHz	100	±10%
Saturation Flux Denisty	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)	6.30	±0.40	160	±1
A (Inner Diameter)	5.19	±0.40	130	±1
H (Height)	1.18	±0.40	30	±1
With Case On				
B (Outer Diameter)	6.50	±0.40	165	±1
A (Inner Diameter)	4.84	±0.40	123	±1
H (Height)	1.34	±0.40	34	±1



FRONT VIEW



SIDE VIEW

	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				

AUTOCAD	X	www.coilws.com	CWSBYTEMARK
SOLIDWORKS		www.cwsbytemark.com	353 W Grove Ave Orange, CA 92865

UNLESS OTHERWISE SPECIFIED	SIGN	DATE
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].		
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'		
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'		
ANGLE PROJECTION		
DO NOT SCALE DRAWING		
DRAWN	JL	02/21/17
CHECKED	JM	02/21/17
ENGR.	JM	02/21/17
APPR.	JM	02/21/17

TITLE: Nanocrystalline Core

SIZE	DWG. NO.	REV
	CN160-130-30F	A

SCALE N/A SHEET 1 OF 1

CAD-FILE: