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Features

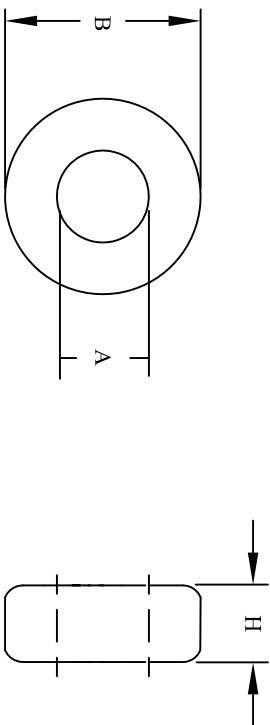
High Permeability (30-80K), high impedance Z and high insertion attenuation
 Suppresses the asymmetrical EMI currents
 High saturation Flux density can reduce over voltage peaks
 High Curie Temperature and excellent temperature characteristics

CN70-35-50G

REVISION HISTORY		SIGN & DATE				
REV	ECN	DESCRIPTION	BY	DATE	AP.	DATE
A		Production release	EO	1/21/13	JL	1/21/13

Electrical Specifications				
Item	Units	Condition	Value	Tol.
A_L	nH/N ²	@ 1kHz, 200mV	167000	± 25%
A_L	nH/N ²	@ 10kHz	151960	± 25%
A_L	nH/N ²	@ 100kHz	36640	± 25%
Permeability	μ_0	@ 10 kHz	> 90000	± 25%
A_e	cm ²	N/A	4.640	± 10%
L_e	cm	N/A	15.500	± 10%
$L_e \times N_e$	mA x turn	@ 10 kHz	35.300	± 20
$L_e \times N_e$	mA x turn	@ 100 kHz	35.300	± 20
Saturation Flux Density	T	N/A	1.200	Max.
Curie temperature	°C	N/A	600	Nom.

Dimensional Tolerances				
	in	tol.	mm	tol.
Core				
B (Outer Diameter)	2.600	±0.40	66.000	±1
H (Height)	1.160	±0.40	29.470	±1
A (Inner Diameter)	1.500	±0.40	38.000	±1
Case				
B (Outer Diameter)	2.790	±0.40	70.760	±1
H (Height)	1.950	±0.40	49.410	±1
A (Inner Diameter)	1.350	±0.40	34.310	±1
Weight	365.00 g			



For additional detail, specifications and charts see:

http://www.bytemark.com/products/comp_nanoc_cmchoke.html
http://www.bytemark.com/products/Nanocrystalline_cores.html

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X	PARTS LIST CWSBYTEMARK 353 West Grove Ave. Orange, CA. 92865	
SOLIDWORKS			
UNLESS OTHERWISE SPECIFIED			
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M			
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].			
TOLERANCE INCHES: .XX±.005			
TOLERANCE METRICS: .XX±.38			
ANGLE PROJECTION: 127°			
DO NOT SCALE DRAWING			
DRAWN	DATE	TITLE:	
EO	1/21/13	Nanocrystalline Core	
ENGR.	1/21/13	SIZE: DIM. NO.	
JL	1/21/13	B	
APPR.	1/21/13	SCALE: N/A	
JL		CN70-35-50G	REV A
			SHEET 1 OF 1