

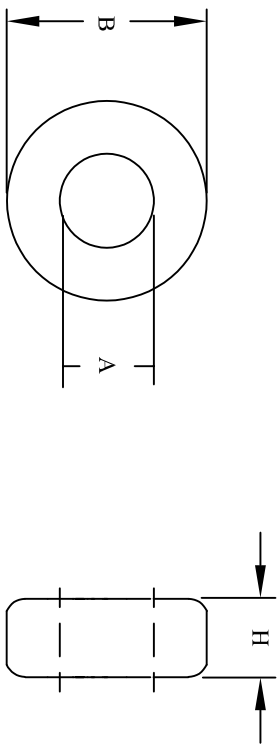
CN50-40-25G

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

- 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

Electrical Specifications				
Item	Units	Condition	Value	Tol.
A_L	nH/N ²	@ 1KHz, 200mV	79400	± 25%
A_L	nH/N ²	@ 10KHz	67800	± 25%
A_L	nH/N ²	@ 100KHz	13800	± 25%
Permeability	μ_0	@ 10 KHz	35000	± 25%
A_e	cm ²	N/A	1.25	± 10%
L_e	cm	N/A	14.1	± 10%
Saturation Current	mA	@ 10 KHz	40	± 20
Saturation Flux Density	T	N/A	1.2	Max.
Curie temperature	°C	N/A	580	Nom.

Dimensional Tolerances				
	in	tol.	mm	tol.
Core				
B (Outer Diameter)	1.97	±0.40	50	±1
H (Height)	0.98	±0.40	25	±1
A (Inner Diameter)	1.57	±0.40	40	±1
Case				
B (Outer Diameter)	2.20	±0.40	55	±1
H (Height)	1.20	±0.40	30	±1
A (Inner Diameter)	1.40	±0.40	35	±1
Weight	83.00 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.
PARTS LIST			
AUTOCAD SOLIDWORKS	X	www.coliws.com www.cwsbytemark.com	CWSBYTEMARK 353 West Grove Ave. Orange, CA 92865
UNLESS OTHERWISE SPECIFIED			
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].	DRAWN E.O.	DATE 1/21/13	TITLE: Nanocrystalline Core
TOLERANCE INCHES: .XXX±.005 .XX±.015 .XX±.127 .XX±.38	ENGR. JL	DATE 1/21/13	SIZE DIM. NO. B
ANGLE PROJECTION DO NOT SCALE DRAWING	APPR. JL	DATE 1/21/13	CN50-40-25G
			SCALE N/A
			REV A