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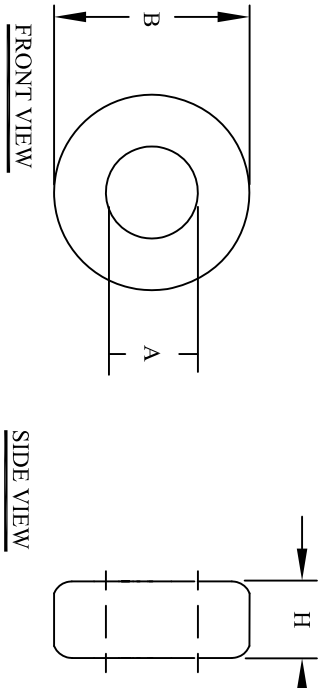
CN50-40-25G

REVISION HISTORY			
REV	ECN	DESCRIPTION	SIGN & DATE
			BY DATE AP. DATE
A	N/A	Production release	EO 1/21/13 JL 1/21/13
B	160321	Revise electrical spec.	AK 3/16/16 JL 3/16/16

- 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	@ 10kHz	50850	Min	
A_L	nH/N ²	@ 100kHz	10350	Min	
Permeability	μ_0	@ 10 kHz	80000	Min	
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.	
Cure 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 SIGN	X	www.coilws.com www.cwsbytemark.com	CWSBYTEMARK 353 West Grove Ave. Orange, CA. 92865
DRAWN (REQD)	DATE	TITLE:	
EO JL	1/21/13	Nanocrystalline Core	
ENGR. JL	1/21/13	SIZE DIM. NO.	
APPR. JL	1/21/13	B CN50-40-25G	REV B
DO NOT SCALE DRAWING		SCALE	N/A
ANGLE PROJECTION		SHEET 1 OF 1	