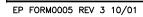
ation contained in this drawing is the so duction in part or whole without written	e property of Coil Winding Spe ermission of CWS is prohibited	cialist Inc (CWS). I.						REVISION HISTOR	Y				
						REV	ECN	DESCRIPTION	DV	SIGN & DATE BY DATE AP. DATE			
Features		th range up to 100 kHz for wide range of high and low flux edges, can contain Parylene C coat at smaller n of 9.5mm (0.375") or a uniform coating of thermo-set as (if part numbers ends with a C). Electrical Specifications	F-5	0A-77C	А		Production release	EO	1/31/13				
MnZn ferrite mate density inductive density		ow flux											
diameters from the	length of 9.5mm (0.375") or a uniform coating of thermo-	set										
	Electri							н	-				
Item	Unit/Symbol	Condition	Value	Tol.									
Δ	nH/N ²	@ 10 KHz	1300	+ 25%	1								

В

FRONT VIEW

Electrical Specifications										
Item	Unit/Symbol	Condition	Value	Tol.						
A _L	nH/N ²	@ 10 KHz	1300	± 25%						
Le	cm	N/A	2.95	± 10%						
Ae	cm ²	N/A	0.150	± 10%						
Ve	cm ³	N/A	0.47	± 10%						
Initial Permeability	μ ₀	@ B < 10 gauss	2000	± 20%						
Temp. Coeff. Of initial Permeability	%, °C	20 - 70 °C	0.7	Тур.						
Coercive Force	H _c	oersted	0.30	Тур.						
Residual Flux Density	Gauss, Br	N/A	1800	Тур.						
Flux Density	Gauss, B	Initial (B), oersted	4900	Тур.						
	Gauss, H	@ Field Strength (H), oersted	5	Тур.						
Curie temperature	°C	Tc	> 200	Nom.						
Resistivity	Ω cm, ρ	@ Field Strength	10 ²	Тур.						
Loss Factor	10 ⁻⁶ , tanδ / μ	Initial	15	Тур.						
	MHz	@ Frequency	0.1	Тур.						

Dimensional Tolerances								
	in	tol.	mm	tol.				
Case								
B (Outer Diameter)	0.529	Max	13.45	Max				
A (Inner Diameter)	0.284	Min	7.20	Min				
H (Height)	0.279	Max	7.10	Max				
Weight 2.40 g								





SIDE VIEW

A

1

http://www.bytemark.com/products/ferrite_matl.htm

	CODE IDENT MFG		6. P/N		DESCRIPTION			ITEM NO.		
					PARTS LIST					
	AUTOCAD X				CW	VSBYTEMARK				
	SOLIDWORKS			www.coilws.com			353 West Grove Ave Orang			CA
UNLESS OTHERWISE SPECIFIED	SI	GN	DATE	www.cwsby		ytemark.com	92865		. Oran	50, CA.
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	DRAWN	EO	1/31/13	Ferrite Toroid Core Material					പ	
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	CHECKED	JL	1/31/13	77, MnZn, Plastic Coated						
TOLERANCE INCHES: XXX=±.005 .XX=±.015 <₹=±0'30' TOLERANCE METRICS:	ENGR.	JL	1/31/13	S17E	/ DWG. NO.	/, wiiiZii, .	i lastic	Coaled	L T	REV
XXX=±.127 .XX=±.38 <	APPR.	JL	1/31/13	B	Dirio. no.	F-50	A-77C			A
DO NOT SCALE DRAWING				SCALE		N/A		SHEET	1 OF	1
							-			

CAD-FILE: