



CORE DIMENSIONS					
UNCOATED CORE					<b>36T0153-000</b>
	MM	INCHES		MM	INCHES
OD	3.94	(.155)	±	.13	(.005)
ID	1.78	(.070)	±	.13	(.005)
TH	1.27	(.050)	±	.13	(.005)
SINGLE PARYLENE COATING					<b>36T0153-00P</b>
OD	3.96	(.156)	±	.13	(.005)
ID	1.75	(.069)	±	.13	(.005)
TH	1.30	(.051)	±	.13	(.005)

WEIGHT / K 0.1322 LBS  
 INITIAL PERMEABILITY 4500

ELECTRICAL SPECIFICATION								
	MIN ( $\mu$ H)	MIN TOL.	NOM ( $\mu$ H)	MAX ( $\mu$ H)	MAX TOL.	FREQ. (kHz)	VOLT. (V)	URNS
L	.681	(-25.0 %)	.909			100	$\leq .00029$	1
Q	30	-	-	-	-	100	$\leq .00029$	1

COATING SPECIFICATIONS			
TYPE	Max. Coating (mm/mils.)	Min. DLB VAC	TEST FORCE (LB)
PARYLENE	0.0254/1.0	1500	.15

NOTES: DC BIAS REQUIREMENT: 100 kHz 38 AWG

H (Oe)	0.25	0.35	0.45
Turns:	10	10	10
Voltage (mV):	58	58	58
DC Bias (mA):	16.1	22.6	29.0
Min. Inductance ( $\mu$ H): (0° to 70°)	56.9	50.7	39.3

Turns:	10	10	10
Voltage (mV):	58	58	58
DC Bias (mA):	16.1	22.6	29.0
Min. Inductance ( $\mu$ H): (0° to 70°)	56.9	50.7	39.3

Turns:	26	26	26
Voltage (mV):	150	150	150
DC Bias (mA):	6.2	8.7	11.2
Min. Inductance ( $\mu$ H): (0° to 70°)	385	343	266



Rev	Description	Date	INT
A	Original Draft	1997-7-2	BAC
B	Updated Elect. Specs/ Chg Perm/ Add DC Bias	1998-6-10	TPM
C	Revised All Catalog 36 Cores L w/ DC Bias Per Rev 2	2002-2-25	TPM
D	Changed P/N To -00P Removed Q Coating Per TFC50 Parts List	2005-10-3	TMB
E	Revised Template	2006-6-2	WMM
F	Removed L @ -40° to 85°.	2007-3-19	Dxu
G	Changed the Min. DLB to 1500VAC	2008-11-24	Jcai

Date: 2008-11-24	DWG # 36T0153-00P-G	Rev:
Drawn By: Jcai	Title # 36T0153-00P	G

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